

SOLE AGENTS FOR THE JAMES SWAN COMPANY'S

## PREMIUM MECHANICS' TOOLS

The largest variety of tools manufactured under any one brand and bearing the  
"SWAN" trade mark.



Especial attention is called to the following: Only the best quality of Cast Steel and Norway Iron is used in the manufacture of Socket Framing Chisels and Drawing Knives.

All Socket Firmer and Tanged Firmer Chisels and Gouges, Screw-drivers and Screw-driver Bits, are made from the best quality of Cast Steel.

All Augers and Bits are made from Crucible Cast Steel. Each one is tested by boring before shipment.

This brand also includes the following well-known assortment: Cook's, Jennings' Pattern, No. 7, and Extra Augers and Bits, Hollow Augers, Expansive Bits, Gimlets and Gimlet Bits, Twist Drills, Bung Borers, Boring Machines, Etc.

The highest standard of quality and finish is adhered to in the manufacture of this line of goods and every tool is fully warranted.

Special goods furnished to order.

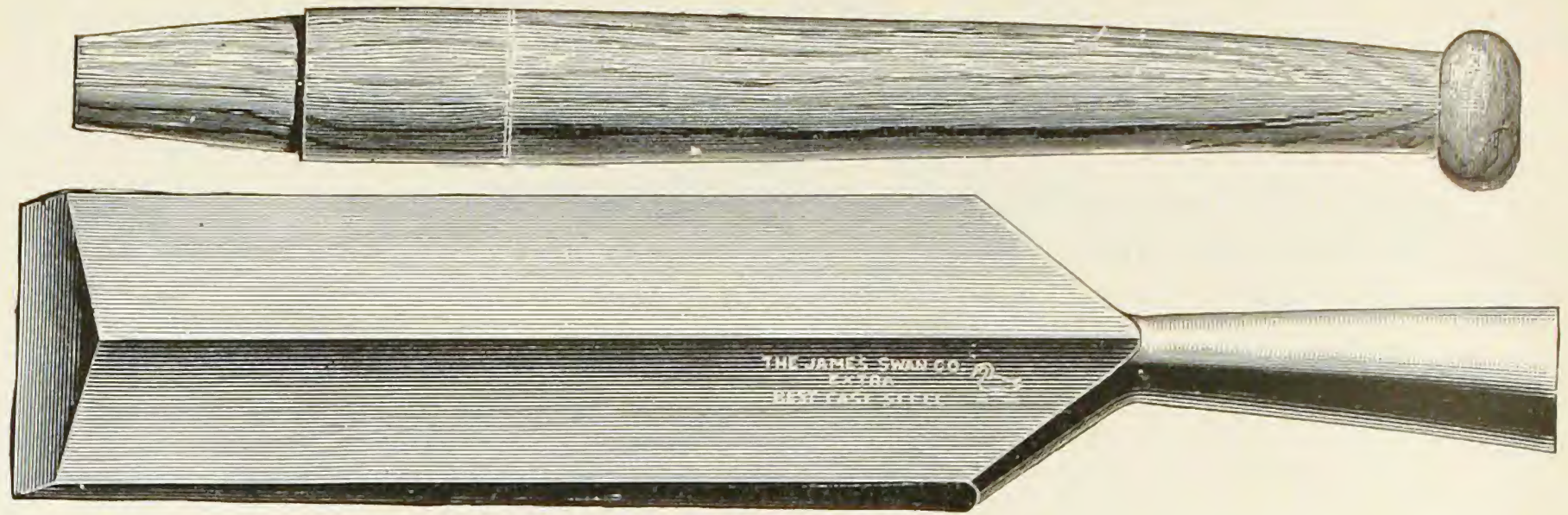


FACTORIES





## CARPENTERS' SLICKS

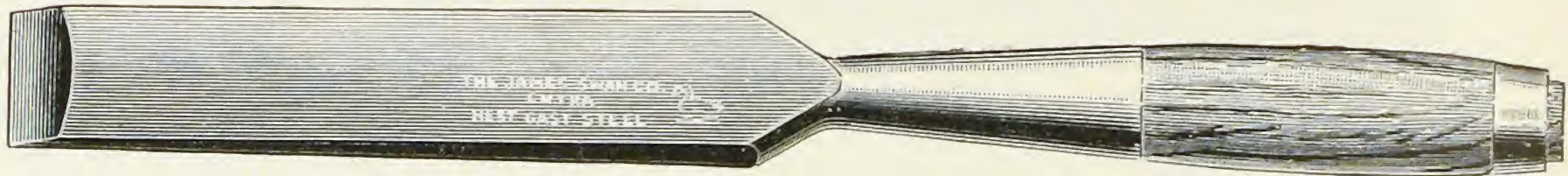


Size, inches,	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
Per dozen,	\$40.00	42.00	44.00	48.00	52.00	56.00	60.00

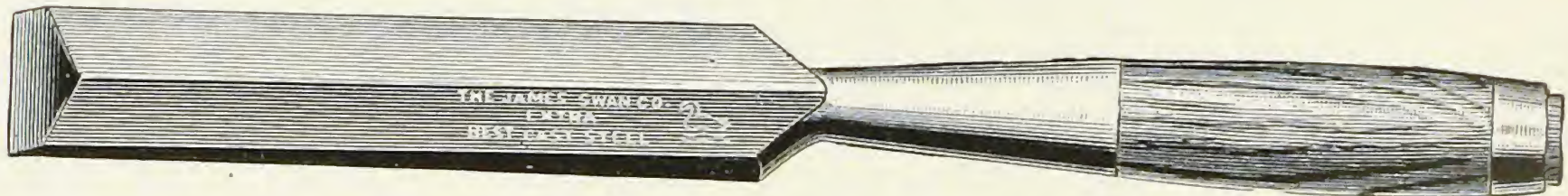
Quarter dozen in a wooden box.

## EXTRA SOCKET FRAMING CHISELS

Oval Back



Bevel Back



## 8-INCH BLADES

Size, inches,	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per dozen,	\$12.00	12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00
Size, inches,	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
Per dozen,	\$18.00	18.00	20.00	22.00	24.00	28.00	32.00	36.00	40.00

Half dozen in a wooden box.

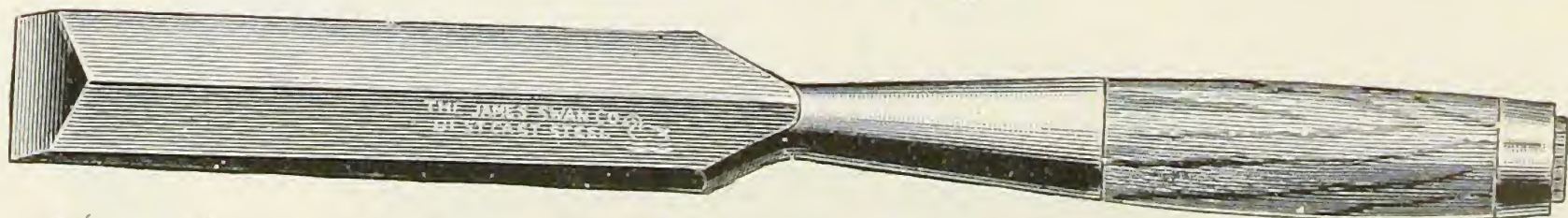
## ASSORTED IN SETS

Size, inches,	1/4 to 3 (16)—All sizes except 7/16 and 1 1/8,	per set, \$30.00
"	1/4 to 2 (12)—1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	" " 18.00
"	1/4 to 2 (9)—1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 14.00
"	1/4 to 2 (6)—1/4, 1/2, 3/4, 1, 1 1/2, 2,	" " 10.00

One set in a wooden box.

## NO. 1 SOCKET FRAMING CHISELS

Bevel Back Only



Size, inches,	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$12.00	12.00	12.00	12.00	13.00	14.00	15.00	16.00	18.00	20.00	22.00	24.00

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	1/4 to 2 (12)—1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$18.00
"	1/4 to 2 (9)—1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 14.00
"	1/4 to 2 (6)—1/4, 1/2, 3/4, 1, 1 1/2, 2,	" " 10.00

One set in a wooden box.





## CORNER CHISELS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per dozen,	\$22.00	24.00	28.00	30.00	32.00	34.00	36.00	40.00

Half dozen in a wooden box.

## SOCKET FRAMING MILLWRIGHTS' CHISELS

10-INCH BLADES

Size, inches,	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$15.00	17.00	18.00	19.00	19.00	20.00	20.00	21.00
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen,	\$22.00	24.00	26.00	30.00	30.00	33.00	36.00	

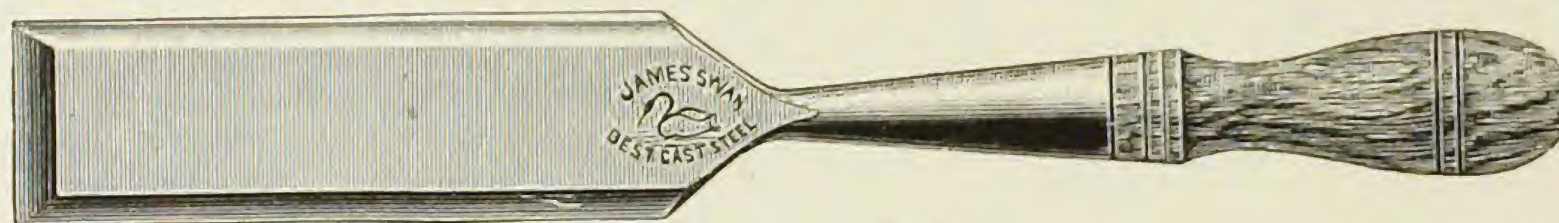
Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$25.00
" "	$\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 21.00
" "	$\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , 2,	" " 15.00

One set in a wooden box.

## NO. 250. BEVELED SOCKET FIRMER CHISELS



6½-INCH BLADES

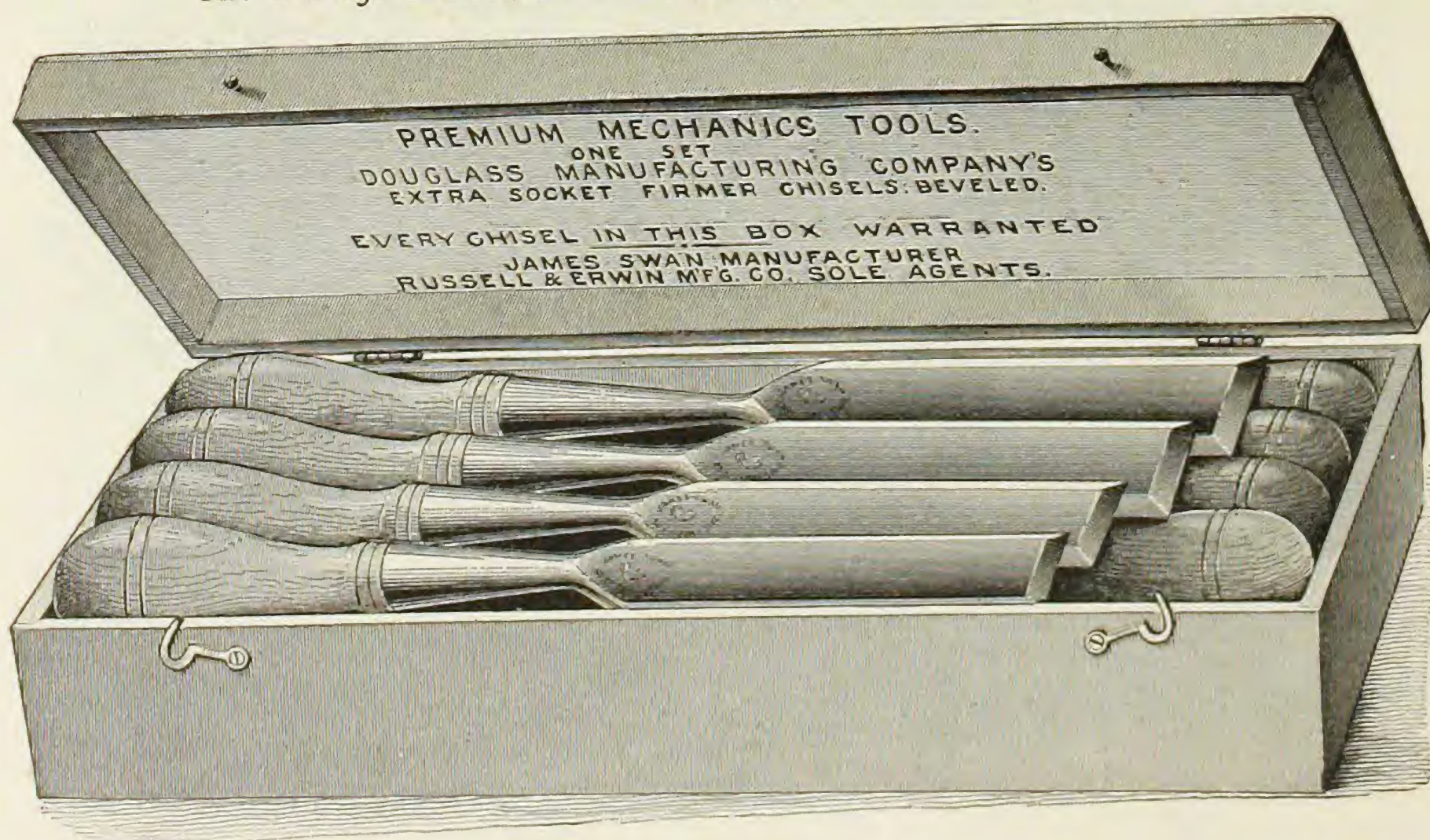
Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen,	\$12.00	13.00	13.00	14.00	15.00	16.00	

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$11.25
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 8.25
" "	$\frac{1}{8}$ to $1\frac{1}{2}$ (9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 7.75

Add 50 cents per dozen net for Beveling. One set in a wooden box.  
The No. 250 Chisels, 12 in a set, are packed in a Hinge Top Box.



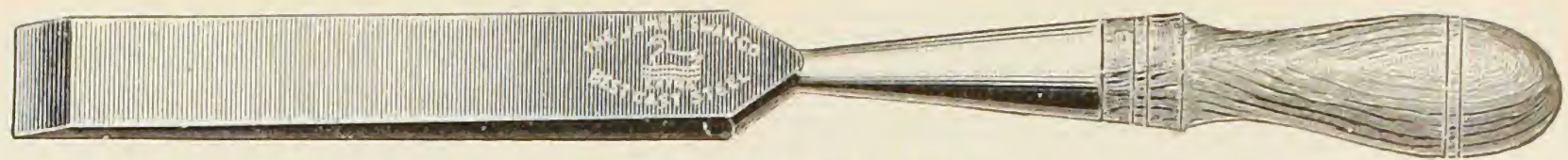
No. 250

Illustration of Beveled Socket Firmer Chisels, No. 250, 12 in a set.





## EXTRA SOCKET FIRMER CHISELS



## 6 1/2-INCH BLADES

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,		1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,		\$12.00	13.00	13.00	14.00	15.00	16.00

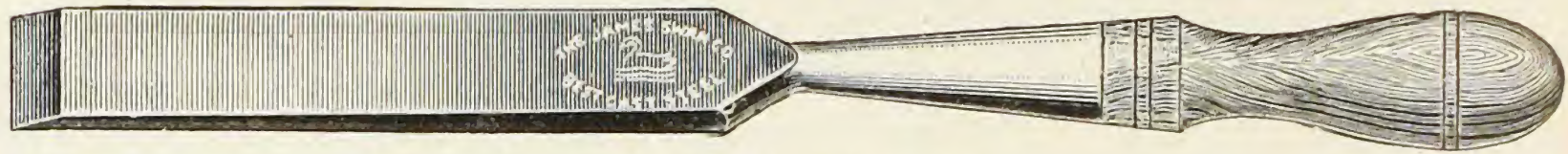
Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	1/8 to 2	(12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$11.25
" "	1/4 to 2	(8)—1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 8.25
" "	1/8 to 1 1/2	(9)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2,	" " 7.75

One set in a wooden box.

## NO. 1 SOCKET FIRMER CHISELS



## 6 1/2-INCH BLADES

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4	7/8
Per dozen,	\$8.00	8.00	8.00	9.00	10.00	11.00	11.00
Size, inches,		1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,		\$12.00	13.00	13.00	14.00	15.00	16.00

Half dozen in a wooden box.

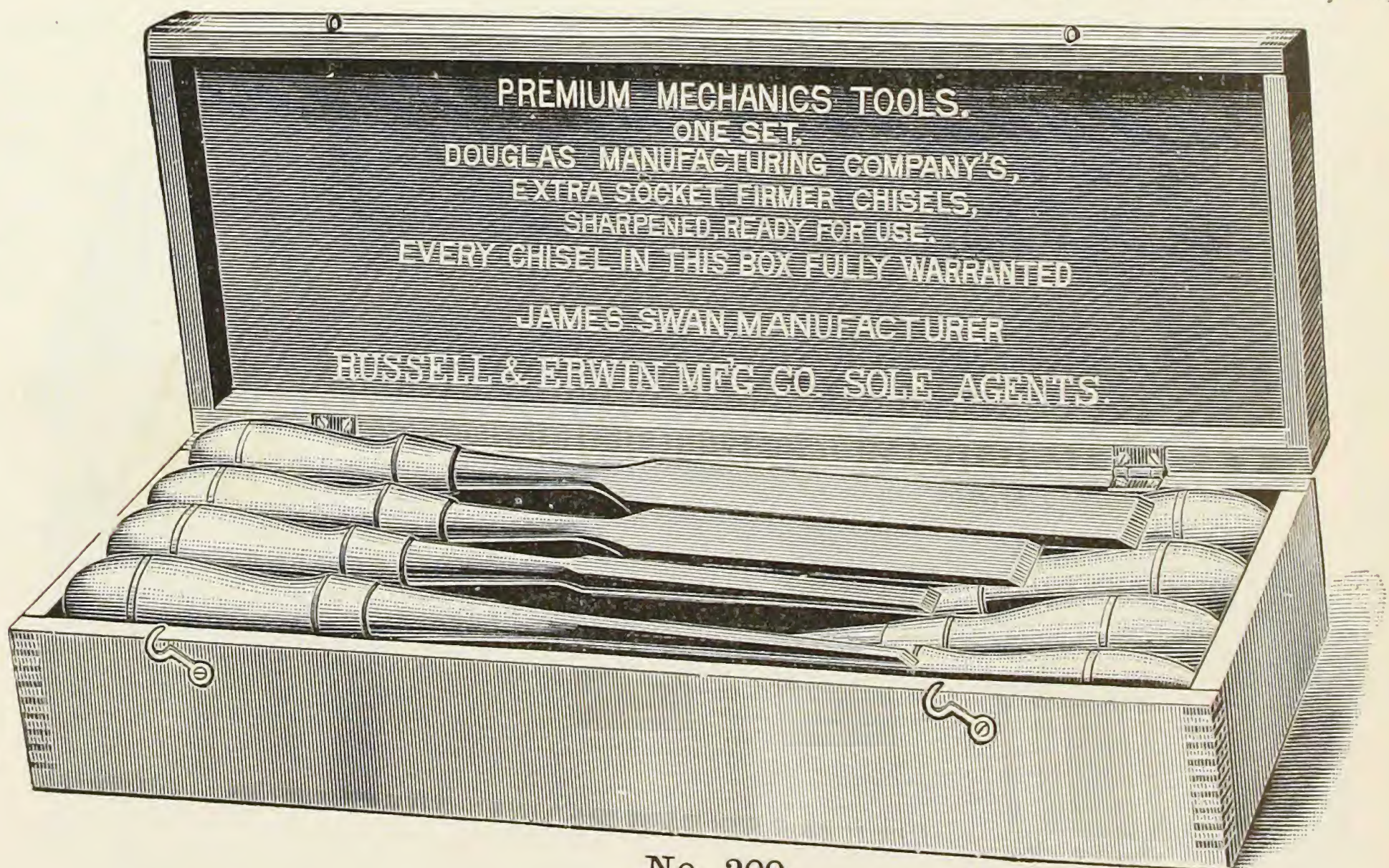
## ASSORTED IN SETS

Size, inches,	1/8 to 2	(12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,	per set, \$11.25
" "	1/4 to 2	(8)—1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2,	" " 8.25
" "	1/8 to 1 1/2	(9)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2,	" " 7.75

One set in a wooden box.

## CHISELS IN WOODEN BOXES

Packed in Patent Spring Bottom Boxes which allow adjustment of Chisels and yet hold them firmly in position.

No.  
200

No. 200

Extra Socket Firmer Chisels, Sharpened and Honed,  
in sets (12)—1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2,

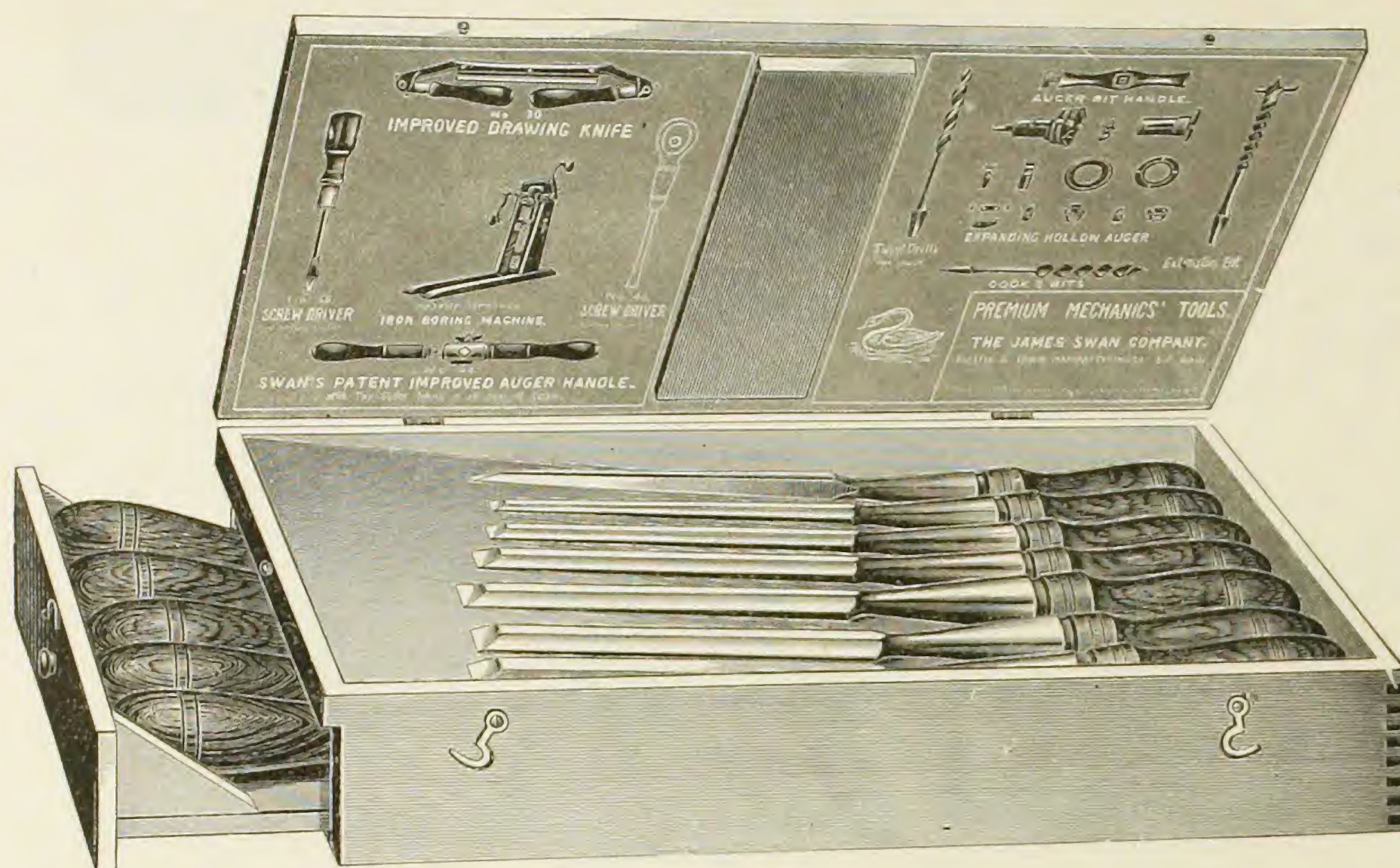
Per set.

\$5.00





## CHISELS IN WOODEN BOXES



No. 400

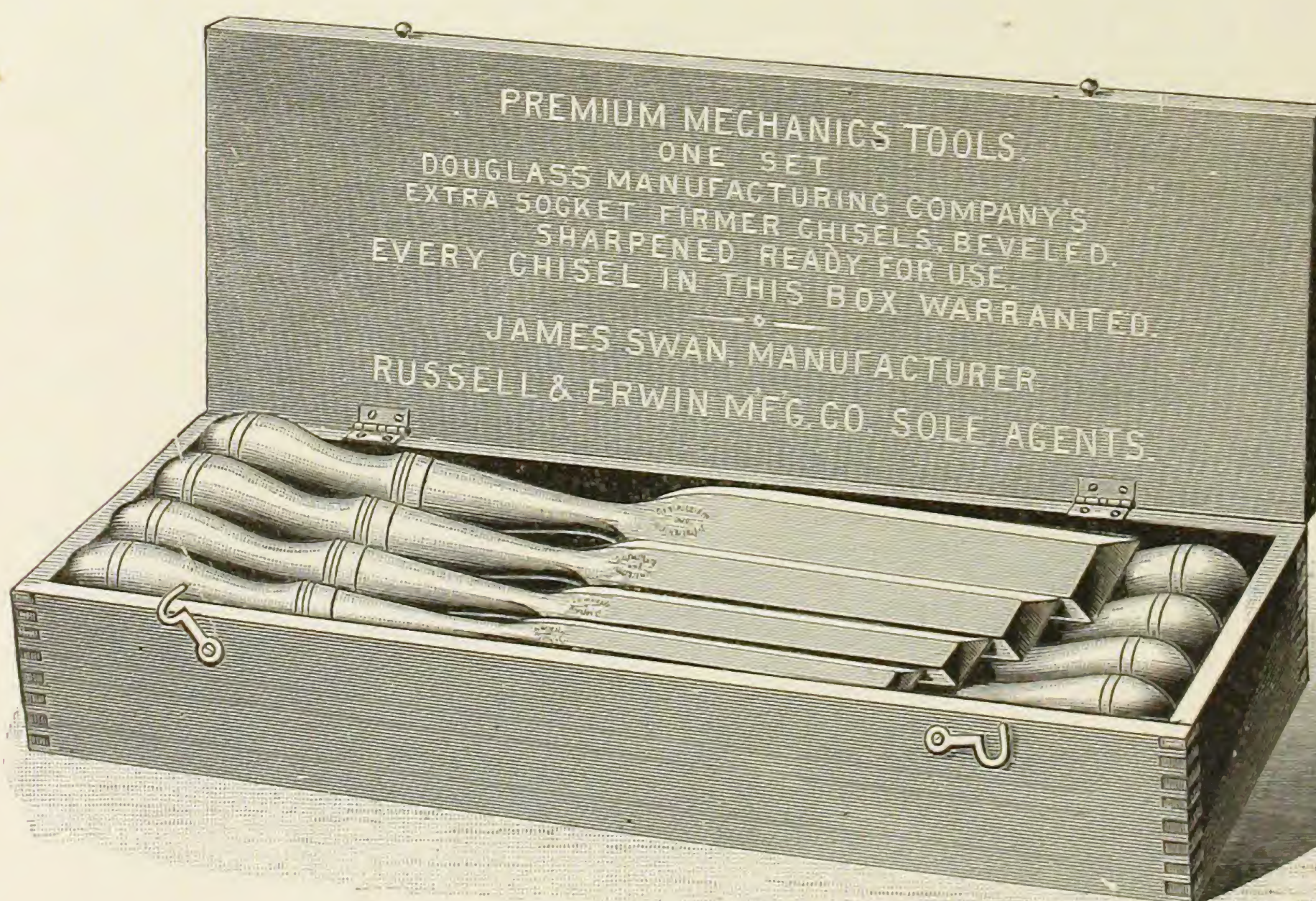
Per set.

No.  
400

Beveled Socket Firmer Chisels, Rosewood Finish Handles,  
in sets (12)— $\frac{1}{8}$  to 2 inches,

\$6.00

It will be seen by the above cut that any Chisel desired can be taken from top or drawer without interfering with the others. The box is made of hard wood, nicely finished, and so constructed that there is no weight on the Hinges.



No. 300

Per set.

No.  
180

Beveled Tanged Firmer Chisels, Sharpened and Honed, Fancy Handles,  
in sets (12)— $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,

\$8.65

300

Beveled Socket Firmer Chisels, Sharpened and Honed,  
in sets (12)— $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,

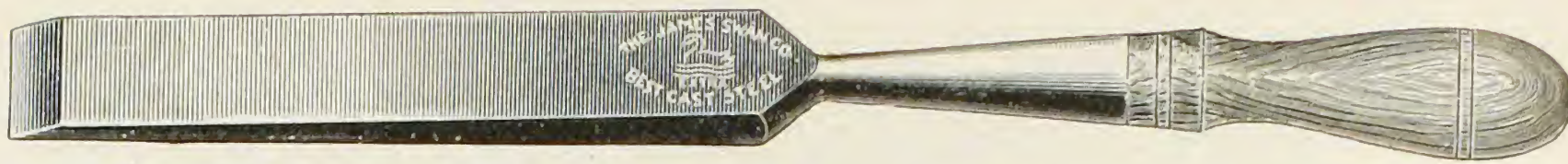
6.50

Packed in patent spring-bottom boxes which allow adjustment of Chisels and yet hold them firmly in position.





## SUPERIOR SOCKET COACHMAKERS' CHISELS



7-INCH BLADES, HEAVY

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$5.00	5.75	6.00	7.00	8.00	8.50	9.00	9.50
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$10.50	11.50	12.00	13.00	16.00	20.00	26.00	

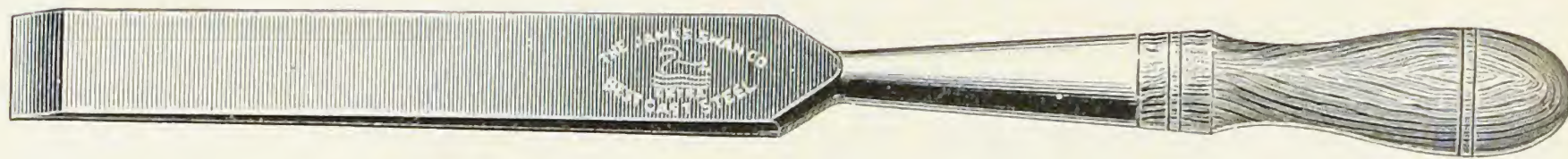
Half dozen in a wooden box.

### ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$10.00
" " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 7.50

One set in a wooden box.

## SUPERIOR SOCKET PARING CHISELS



7½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$5.00	6.25	6.50	7.50	8.00	8.50	9.00	9.50
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$10.50	11.50	12.00	13.00	16.00	20.00	26.00	

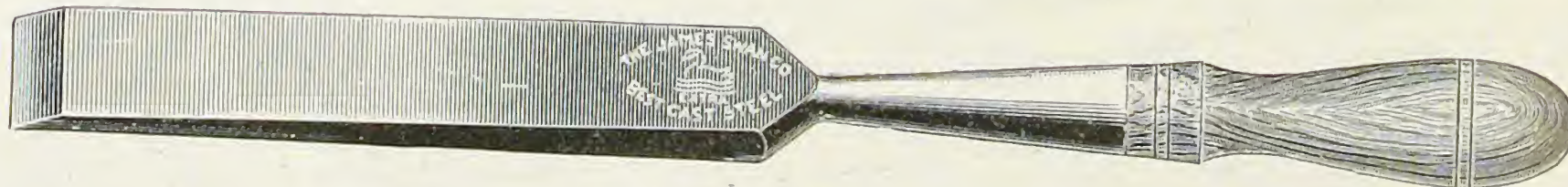
Half dozen in a wooden box.

### ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$10.00
" " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 7.50

One set in a wooden box.

## SUPERIOR SOCKET FIRMER MILLWRIGHTS' CHISELS



8-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$5.50	6.25	6.50	7.50	8.00	9.25	9.75
Size, inches,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3
Per dozen,	\$10.50	11.00	12.00	12.50	13.50	21.00	27.00

Half dozen in a wooden box.

### ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$13.50
" " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 12.00

One set in a wooden box.





# SUPERIOR SOCKET FIRMER GOUGES

Outside Bevel



## 6½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$5.00	5.75	6.00	7.00	8.00	8.50
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$9.00	9.50	10.50	11.50	12.00	13.00

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$10.00
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	" " 7.50

Furnished with Inside Bevel at same List Prices.

# SOCKET FIRMER PARING GOUGES

Inside Bevel



## 7½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$6.00	7.00	8.00	8.50	9.50	10.50
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$11.00	12.00	13.50	14.00	15.00	16.00

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$12.50
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 10.00

# SOCKET FIRMER MILLWRIGHTS' GOUGES

Inside Bevel



## 8-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$7.00	8.00	9.00	10.00	11.00	12.00
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$13.00	14.00	16.00	17.00	18.00	20.00

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$15.00
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 12.50

All above, half dozen in a wooden box.

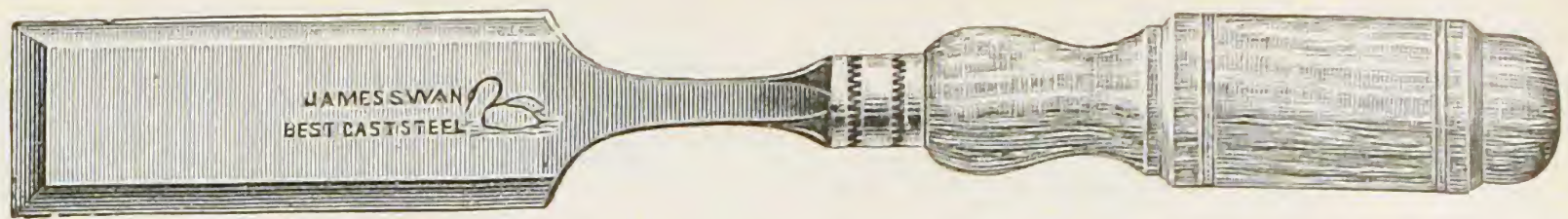
Sets, one set in a wooden box.

Outside Bevel Millwright and Paring Gouges furnished to order.





## NO. 175, BEVELED TANGED FIRMER CHISELS



SHARPENED AND HONED, FANCY APPLEWOOD HANDLES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$4.70	4.85	5.10	5.45	5.80	6.05
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$6.25	6.70	8.75	9.90	12.35	13.90

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$7.75
" " $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 5.00

One set in a wooden box.

## NO. 180, BEVELED TANGED FIRMER CHISELS

In sets (12) ( $\frac{1}{8}$ -2) packed in patent spring bottom boxes.  
See page 673.

## NO. 150, BEVELED TANGED FIRMER CHISELS

WITHOUT HANDLES, SHARPENED AND HONED

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$3.80	3.85	4.00	4.40	4.60	4.80
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$5.00	5.40	7.25	8.30	10.50	12.00

One dozen in a wooden box.

## ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$6.40
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 4.00

One set in a wooden box.

## NO. 100, CITY PATTERN HANDLED TANGED FIRMER CHISELS

POLISHED APPLEWOOD HANDLE WITH CAST BRASS FERRULE, SHARPENED AND HONED

Size, inches,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$2.60	2.85	3.15	3.45	3.70	4.05	4.30	5.60	6.70	8.05	9.40

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches, $\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$4.80
" " $\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 3.20
" " $\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1,	" " 2.50

One set in a wooden box.





## EXTRA COACHMAKERS' FIRMER CHISELS



6½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Per dozen,	\$4.50	4.75	4.87	5.25	5.50	6.00	6.50
Size, inches,	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$7.50	9.75	11.75	13.25	16.25	19.25	21.25

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$8.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	" " 7.75

Without handles, \$1.25 per dozen less on List Prices.

One set in a wooden box.

## EXTRA LONG THIN PARING CHISELS



7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$4.50	4.75	4.87	5.25	5.50	6.00	6.50	8.00
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$9.75	11.75	13.25	16.25	19.25	22.25	31.25	39.25

Half dozen in a wooden box.

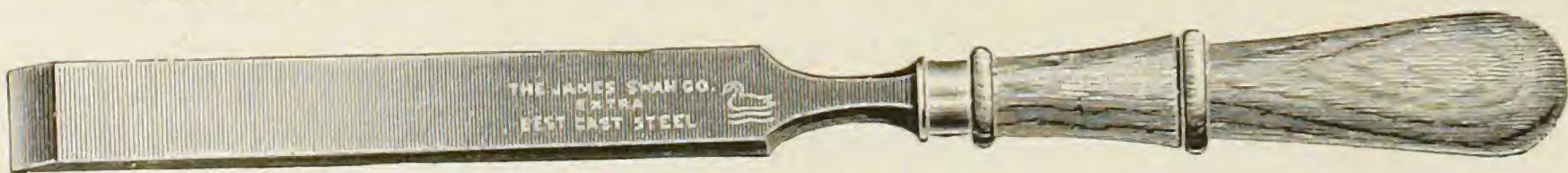
## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$8.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	" " 7.25

Without handles, \$1.25 per dozen less on List Prices.

One set in a wooden box.

## EXTRA MILLWRIGHTS' FIRMER CHISELS



7½-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$5.25	5.25	5.75	6.25	7.25	8.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$9.25	10.25	11.75	13.25	14.75	15.75
Size, inches,	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Per dozen,	\$18.25	22.25	26.25	32.25	38.25	42.25

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$11.25
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2	" " 8.75

Without handles, \$1.25 per dozen less on List Prices.

One set in a wooden box.





## EXTRA PARING FIRMER GOUGES

Inside Bevel



## 7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$5.40	5.75	5.87	6.25	6.50	6.87
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$7.50	8.50	10.25	11.25	15.25	18.25

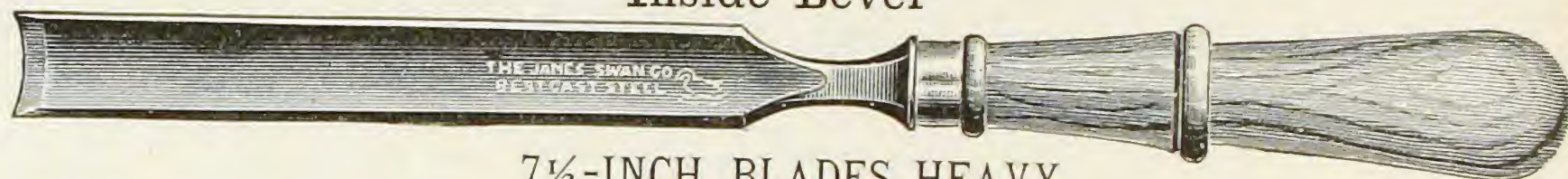
Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$11.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 10.25
Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.		

## EXTRA MILLWRIGHTS' FIRMER GOUGES

Inside Bevel

 $7\frac{1}{2}$ -INCH BLADES, HEAVY

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$6.25	6.25	6.75	7.25	8.25	9.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$10.25	11.25	14.75	17.25	20.25	23.75

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$13.75
" "	$\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,	" " 11.25
Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.		

## EXTRA TURNING CHISELS



## 7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$2.50	2.75	3.12 $\frac{1}{2}$	3.37 $\frac{1}{2}$	3.75	4.25	5.00	5.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$7.00	7.00	8.75	8.75	10.25	12.50	16.50	21.50

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$6.50
" "	$\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 5.00
Handled, \$1.25 per dozen extra on List Prices. One set in a wooden box.		

## EXTRA TURNING GOUGES



## 7-INCH BLADES

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$3.00	3.00	3.50	4.00	4.50	5.50	6.00	7.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Per dozen,	\$8.50	8.50	12.75	12.75	14.00	18.00	21.00	25.00

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,	$\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	per set, \$8.50
" "	$\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	" " 6.50
Handled, \$1.25 per dozen extra on List Prices. One set in a wooden box.		





## EXTRA TANGED FIRMER CHISELS



Size, inches, $\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen, \$2.00	2.00	2.00	2.12 $\frac{1}{2}$	2.12 $\frac{1}{2}$	2.25	2.25	2.60	2.60	2.75	3.00	3.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen,	4.50	5.00	5.50	6.00	7.50	7.50	9.00	9.00	11.50	14.00	21.00

One dozen in a wooden box.

## EXTRA TANGED FIRMER CHISELS, HANDLED

Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$3.00	3.00	3.00	3.12 $\frac{1}{2}$	3.12 $\frac{1}{2}$	3.25	3.25	3.60
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$3.60	3.75	4.00	4.50	5.50	6.00	6.50	7.00
Size, inches,		$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen,		\$8.50	8.50	10.00	10.00	12.50	15.00	22.00

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,			Per set. Not Handled.	Per set. Handled.
$\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1,		\$2.50	\$3.50
" "	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	3.25	4.25
" "	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	4.25	5.25

One set in a wooden box.

## NO. 1, TANGED FIRMER CHISELS

Separate sizes and sets, not handled, same List Prices as Extra.

## EXTRA TANGED FIRMER GOUGES

Outside Bevel



Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$2.25	2.37 $\frac{1}{2}$	2.50	2.62 $\frac{1}{2}$	2.62 $\frac{1}{2}$	2.75	2.87 $\frac{1}{2}$	3.00	3.00	3.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$3.50	4.50	5.50	6.00	7.00	7.50	9.00	10.00	12.00	12.00

One dozen in a wooden box.

## EXTRA TANGED FIRMER GOUGES, HANDLED

Size, inches,	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
Per dozen,	\$3.25	3.37 $\frac{1}{2}$	3.50	3.62 $\frac{1}{2}$	3.62 $\frac{1}{2}$	3.75	3.87 $\frac{1}{2}$	4.00	4.00	4.25
Size, inches,	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$4.50	5.50	6.50	7.00	8.00	8.50	10.00	11.00	13.00	13.00

Half dozen in a wooden box.

## ASSORTED IN SETS

Size, inches,			Per set. Not Handled.	Per set. Handled.
$\frac{1}{8}$ to 1	(8)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1,		\$3.25	\$4.25
" "	$\frac{1}{8}$ to $1\frac{1}{2}$	(9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,	4.00	5.00
" "	$\frac{1}{8}$ to 2	(12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,	6.00	7.00

One set in a wooden box.

Furnished with Inside Bevel at same list prices.

## NO. 1, TANGED FIRMER GOUGES

Separate sizes and sets, not handled, same List Prices as Extra.





# SWAN'S PATENT ADJUSTABLE AND FOLDING HANDLE DRAWING KNIVES



This is a new drawing knife and a very strong and superior tool.

NO. 32

Size, inches,  
Per dozen,

6  
\$21.00

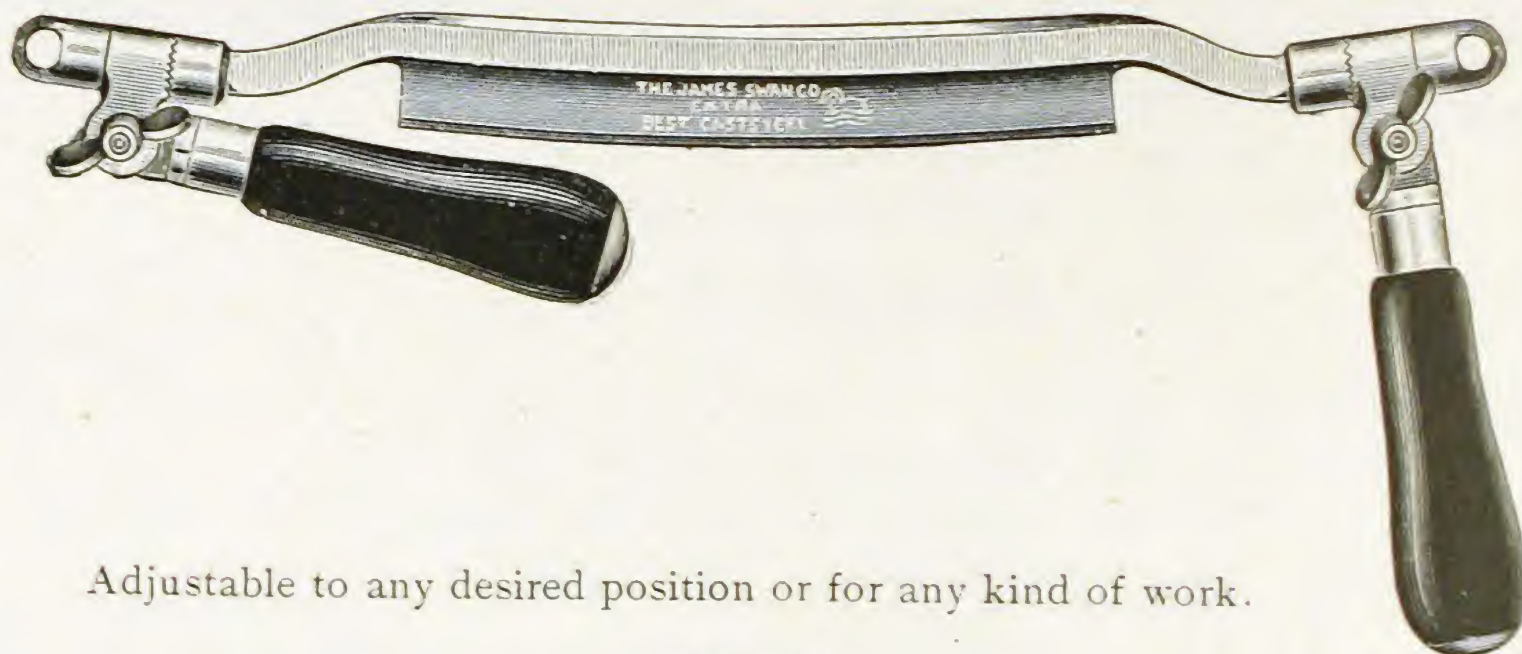
7  
22.50

8  
24.00

9  
25.50

10  
27.00

Half dozen in a box.



Adjustable to any desired position or for any kind of work.

NO. 40

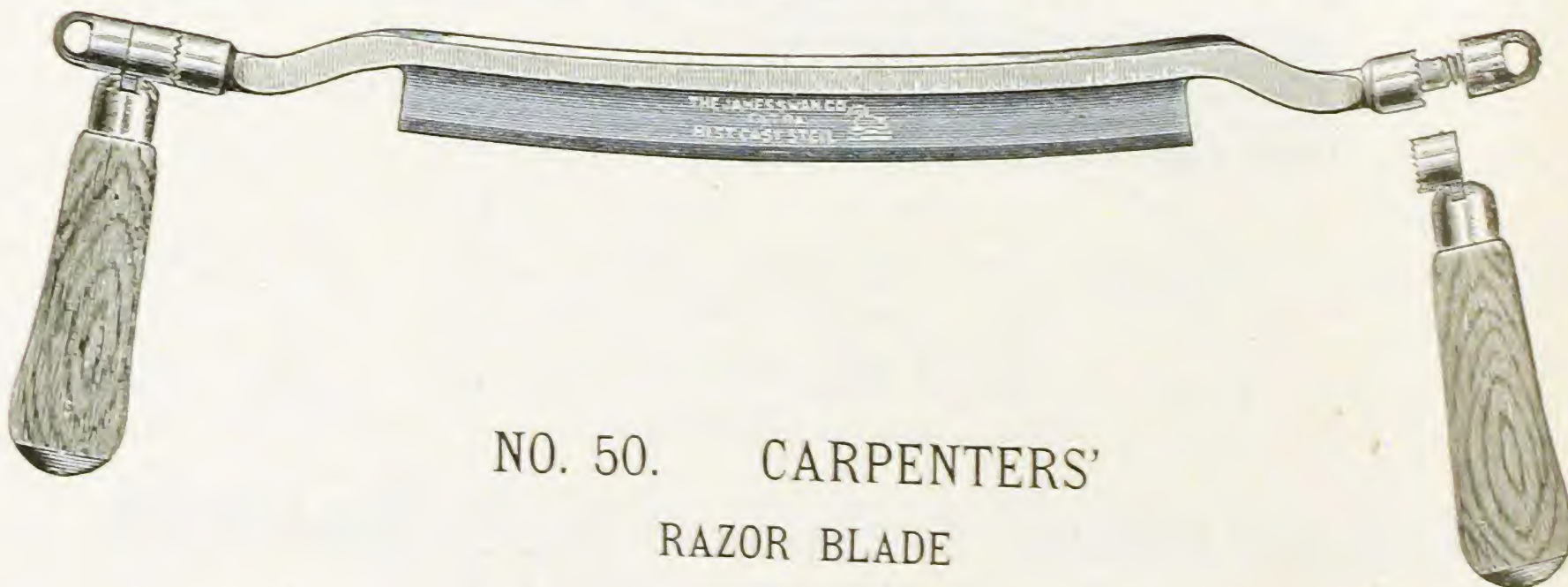
Size, inches,  
Per dozen,

6  
\$21.00

7  
22.50

8  
24.00

## ADJUSTABLE HANDLE DRAWING KNIVES



NO. 50. CARPENTERS'

RAZOR BLADE

Size, inches,  
Per dozen,

6  
\$9.00

7  
10.50

8  
12.00

9  
13.50

10  
15.00

11  
16.50

12  
18.00

NO. 55. SCROLL

NARROW, BEVELED ON BOTH SIDES

Size, inches,  
Per dozen,

6  
\$9.00

7  
10.50

8  
12.00

9  
13.50

10  
15.00

NO. 60. COACHMAKERS'

WIDE, BEVELED ON BOTH SIDES

Size, inches,  
Per dozen,

6  
\$9.50

7  
11.00

8  
12.50

9  
14.00

10  
15.50

11  
17.00

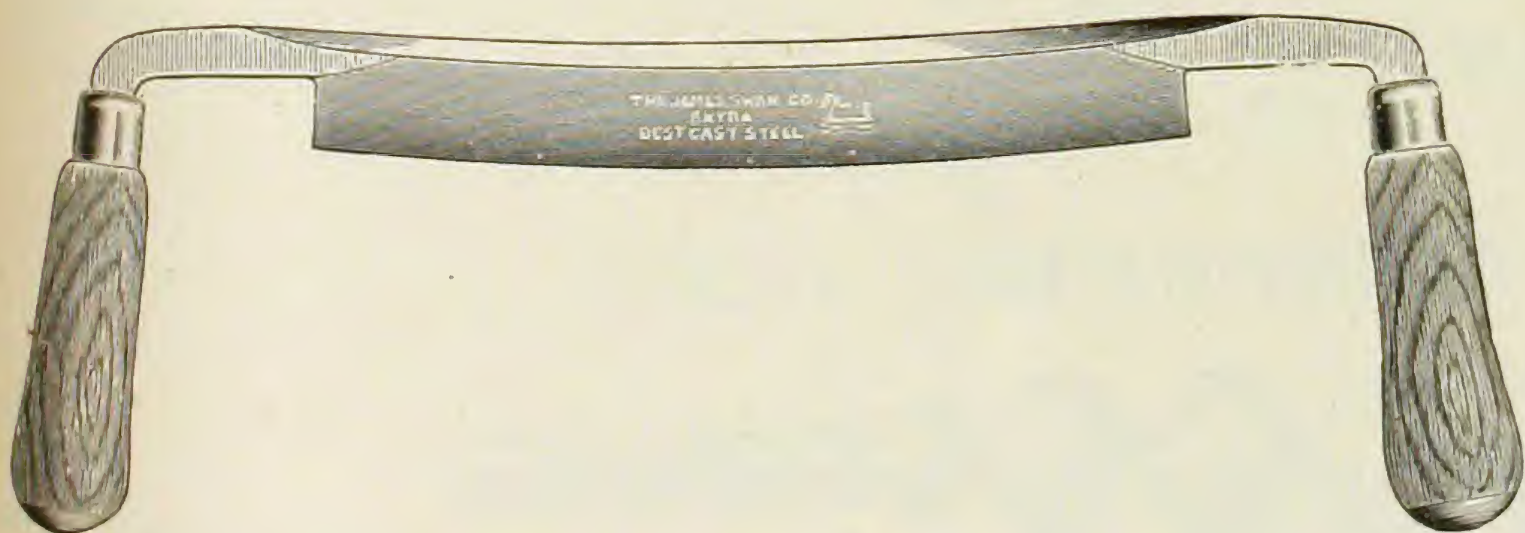
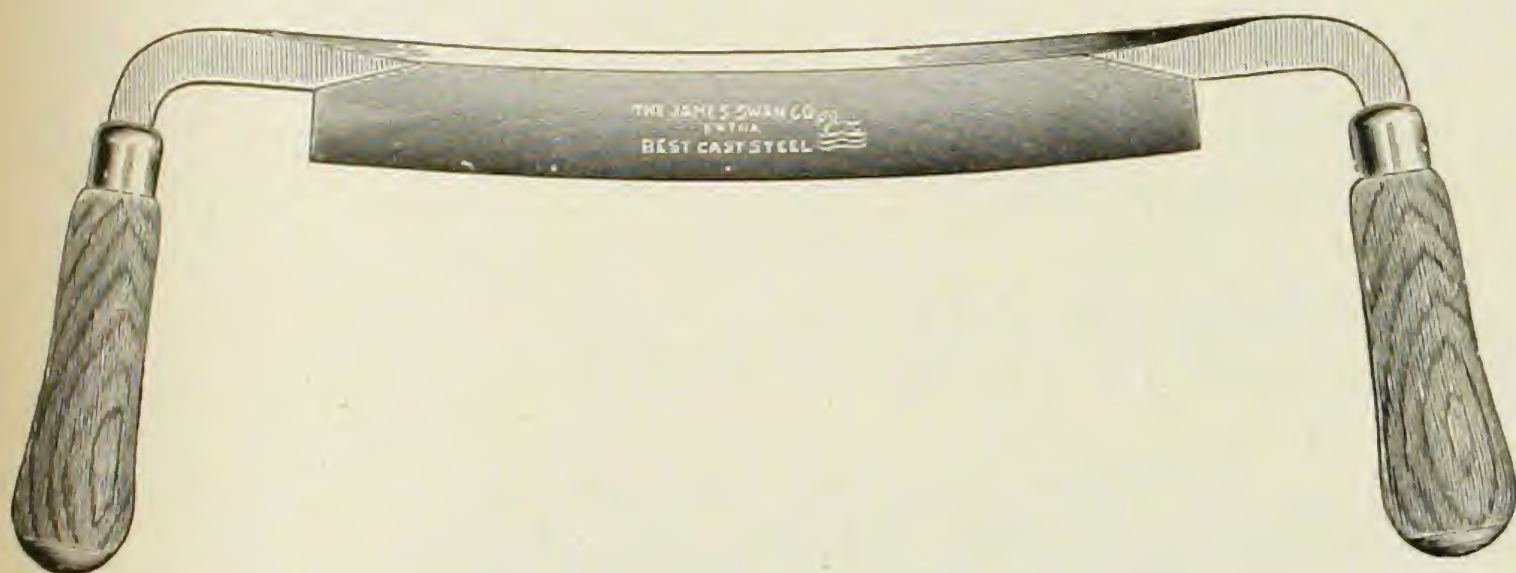
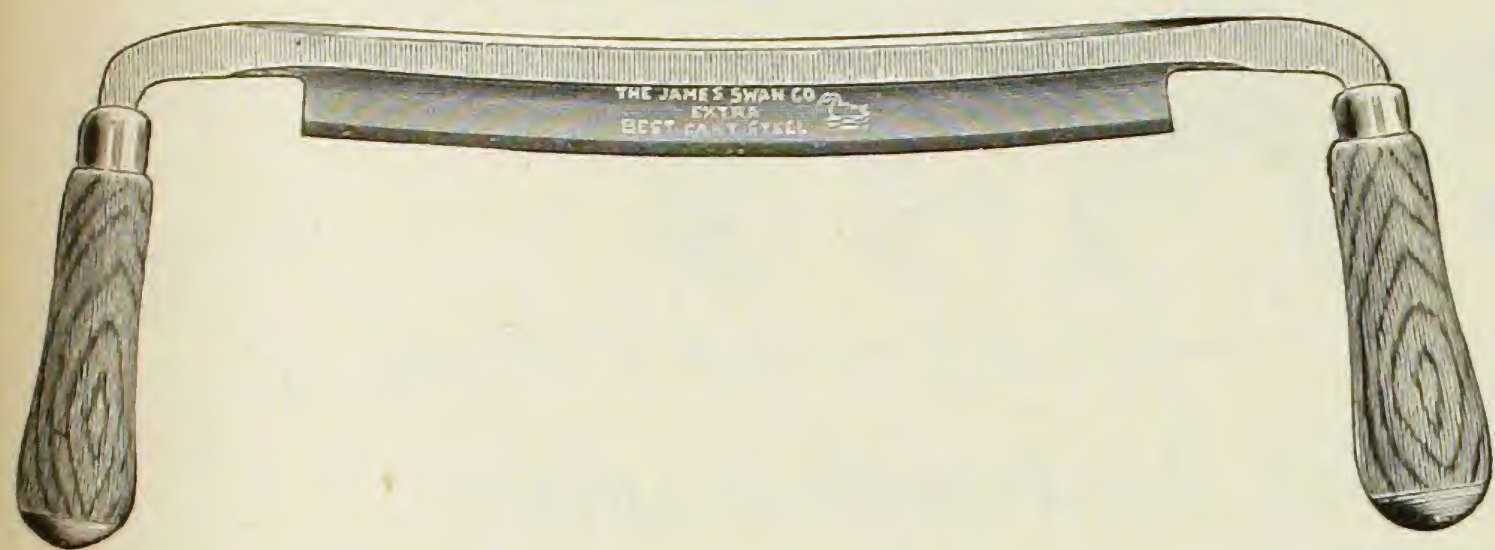
12  
18.50

All above, half dozen in a box.





## DRAWING KNIVES



## RAZOR BLADE DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$17.00	18.00	19.00	20.00
Size, inches,	10	11	12	13
Per dozen,	\$21.00	22.00	23.00	25.00
Size, inches,	14	15	16	
Per dozen,	26.00	27.00	29.00	

Half dozen in a package.

Above with Ebonized Handles, Nickel-plated Ferrules, add 25 cents per dozen, net.

## EXTRA DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$16.00	17.00	18.00	19.00
Size, inches,	10	11	12	13
Per dozen,	\$20.00	21.00	22.00	24.00
Size, inches,	14	15	16	
Per dozen,	\$25.00	26.00	28.00	

Half dozen in a package.

## NO. 1 DRAWING KNIVES

(BRASS CAP AND FERRULE)

Same Sizes and Lists as Extra.

## CARRIAGE MAKERS' DRAWING KNIVES

SOLID CAST STEEL BLADES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$18.00	19.00	20.00	21.00
Size, inches,	10	11	12	
Per dozen,	\$22.00	23.50	26.00	

Half dozen in a package.

## WAGON MAKERS' DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches,	6	7	8	9
Per dozen,	\$18.00	19.00	20.00	21.00
Size, inches,	10	11	12	
Per dozen,	\$22.00	23.50	26.00	

Half dozen in a package.

## SHINGLE KNIVES

(BRASS CAP AND FERRULE)

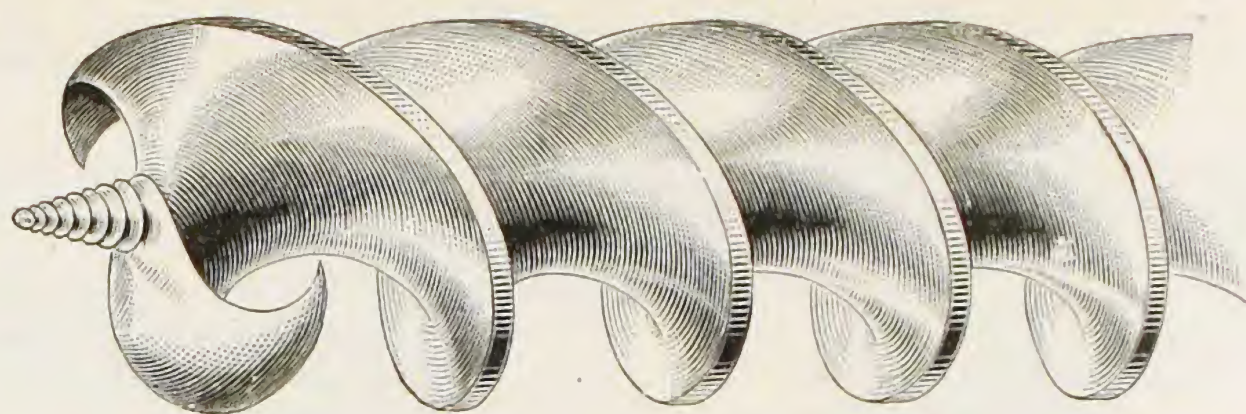
Size, inches,	10	12
Per dozen,	\$23.00	25.00
Size, inches,	14	16
Per dozen,	\$30.00	35.00

Half dozen in a package.





# COOK'S PATENT AUGERS AND BITS



Particular attention is called to the improvement in the form of the lip of these goods.

## COOK'S CAST STEEL CARPENTERS' AUGERS

Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	\$6.00	6.00	7.50	9.00	10.50	12.00	13.50
Size, inches,	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,	\$15.00	16.50	18.00	19.50	21.00	22.50	24.00

Half dozen in a box.

### ASSORTED IN SETS

Quarters (with Rosewood Handles),	41	28
Per set,	\$14.50	10.50

One set in a wooden box.

## COOK'S CAST STEEL MILLWRIGHTS' AUGERS

Twist, 14 inches. Length over all, 33 inches. With Brass Nuts.

Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$12.00	15.00	18.00	21.00	24.00	28.00	30.00
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	2
Per dozen,	\$36.00	36.00	42.00	42.00	48.00	48.00	48.00

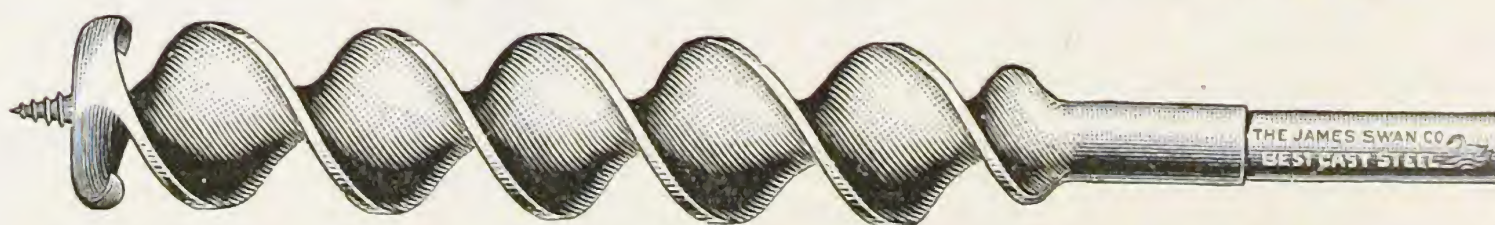
Quarter dozen in a package.

### ASSORTED IN SETS

Quarters (with Rosewood Handles),	41	28
Per set,	\$22.50	16.00

Extra Black Walnut Cases, in sets,  $\frac{1}{2}$  to 2, 41 quarters, with Handles complete, \$25.00.  
One set in a wooden box.

## COOK'S BORING MACHINE AUGERS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$7.50	9.00	11.00	12.75	14.75	16.50	18.00
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	2
Per dozen,	\$21.50	21.50	24.00	24.00	28.50	28.50	28.50

Quarter dozen in a package.

### ASSORTED IN SETS

Quarters,	41	23	18
Per set,	\$12.50	7.00	5.50

One set in a package.





COOK'S RING AUGERS



Size, inches, Per dozen,	$\frac{1}{2}$ \$7.00	$\frac{5}{8}$ 8.50	$\frac{3}{4}$ 10.00	$\frac{7}{8}$ 11.50	1 13.00
Size, inches, Per dozen,	$1\frac{1}{8}$ \$14.50	$1\frac{1}{4}$ 16.00	$1\frac{3}{8}$ 17.50	$1\frac{1}{2}$ 19.00	$1\frac{5}{8}$ 20.50
Size, inches, Per dozen,			$1\frac{3}{4}$ \$22.00	$1\frac{7}{8}$ 23.50	2 25.00

$\frac{1}{2}$  to 1 inch, half dozen in a package;  $1\frac{1}{8}$  to 2 inches, quarter dozen.

ASSORTED IN SETS

Quarters, Per set,	$4\frac{1}{2}$ \$14.00	28 11.00
One set in a wooden box.		

COOK'S CAST STEEL AUGER BITS



Size, 16ths, Per dozen,	3 \$4.00	4 4.00	5 4.25	6 4.50	7 5.00	8 5.50	9 6.00	10 6.60
Size, 16ths, Per dozen,	11 \$7.20	12 8.00	13 8.75	14 9.25	15 10.00	16 10.75	17 11.50	18 12.25
Size, 16ths, Per dozen,	19 \$12.75	20 13.50	22 14.50	24 15.50	26 17.00	28 18.50	30 20.00	32 22.00

3 to 6 16ths, Single Twist, all other sizes Double Twist.  
3 to 16 16ths, half dozen in a wooden box.  
17 to 32 16ths, one-third dozen in a wooden box.

ASSORTED IN SETS

Size, 16ths, Quarters, Per set,	4 to 16 $32\frac{1}{2}$ \$7.50	4 to 12 24 6.00	4 to 12 21 5.50
One set in a wooden box.			

COOK'S CAST STEEL CAR BITS

12-INCH TWIST

Size, 16ths, Per dozen,	4 \$6.50	5 6.50	6 7.50	7 9.00	8 10.25	9 11.25	10 12.75
Size, 16ths, Per dozen,	11 \$13.25	12 15.50	13 16.50	14 17.75	15 18.75	16 20.50	

Half dozen in a box.

ASSORTED IN SETS

Quarters, Per set,	$32\frac{1}{2}$ \$14.00	24 10.50	21 9.50
One set in a box.			





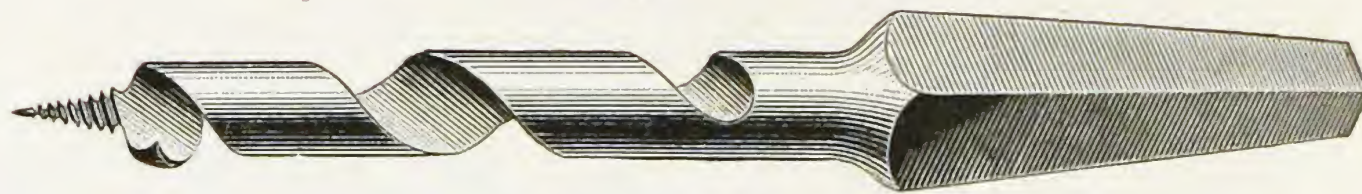
## COOK'S PLUG AND SUGAR BITS



Size, 16ths,	3	4	5	6	7	8
Per dozen,	\$4.00	4.00	4.25	4.50	5.00	5.50
Size, 16ths,	9	10	11	12	13	14
Per dozen,	\$6.00	6.60	7.20	8.00	8.75	9.25
Size, 16ths,	15	16	17	18	19	20
Per dozen,	\$10.00	10.75	11.50	12.25	12.75	13.50
Size, 16ths,	22	24	26	28	30	32
Per dozen,	\$14.50	15.50	17.00	18.50	20.00	22.00

4 to 11 16ths, one dozen in a box; 12 to 32 16ths, half dozen.

## COOK'S DOWEL BITS

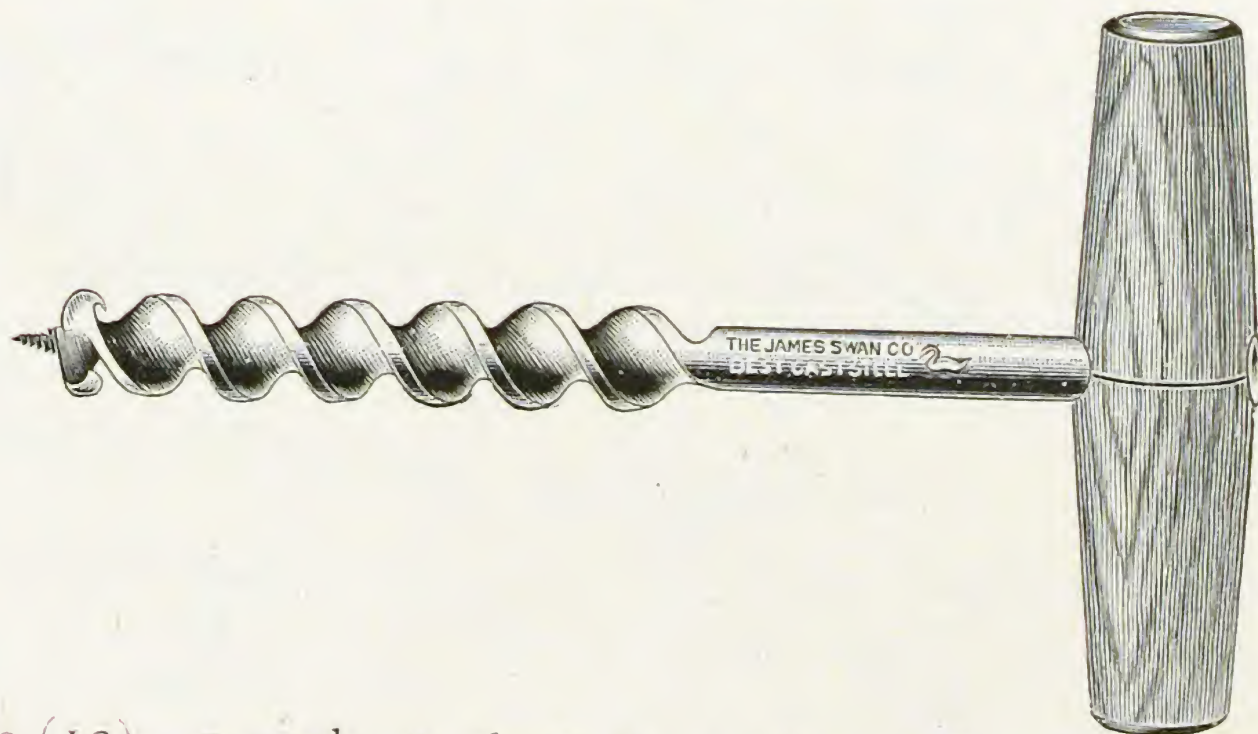


Full size cut of 5-16.

Size, 16ths,	4	5	6	7	8	9	10
Per dozen,	\$3.75	4.00	4.25	4.50	5.00	5.50	6.25

One dozen in a box.

## COOK'S HANDLED AUGER BITS



Assorted, 4 to 8 16ths (12)—2 each, 5, 6, 7, 8; 4 of 4 16ths,	per dozen, \$4.75
“ 4 to 12 16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each, 10 and 12 16ths,	“ “ 5.25

One dozen in a box.

Cook's Handled Auger Bits in separate sizes, same List as Auger Bits.

## COOK'S PATENT CAST STEEL MACHINE BITS

6 INCH TWIST, Shank  $\frac{1}{2}$  inch diameter, 2 inches long.

3, 4, 9, and 12 inch Twist made to order. Prices on application.

Size, 16ths,	4	5	6	7	8	9	10	11	12
Per dozen, \$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90	
Size, 16ths,	13	14	15	16	17	18	19	20	
Per dozen,	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths,	21	22	23	24	26	28	30	32	
Per dozen,	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16 16ths, half dozen in a box.  
17 to 32 16ths, quarter dozen in a box.





SWAN'S JENNINGS' PATTERN AUGER BITS



Size, 16ths, Per dozen,	3	4	5	6	7	8	9	10	11
	\$3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10
Size, 16ths, Per dozen,	12	13	14	15	16	17	18	19	20
	\$6.60	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$12.00	12.60	13.20	13.80	15.00	16.20	17.40	18.60	

3 to 16 16ths, half dozen in a wooden box; 17 to 32 16ths, one-third dozen.

ASSORTED IN SETS

32 1/2 Quarters—1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,  
24 Quarters—1 each, 4, 5, 6, 7, 9, 11, and 12; 2 each, 6, 8, and 10,  
One set in a box.

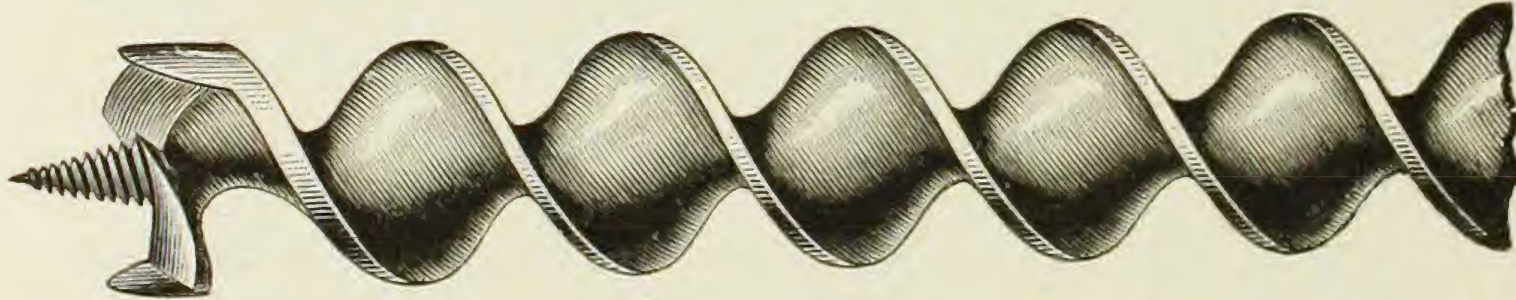
per set, \$6.25  
" " 4.75

SWAN'S JENNINGS' PATTERN AUGER BITS

WITH BLACK LIP. SAME LIST AS EXTRA BITS

Also furnished in Millimeter sizes when so specified.

SWAN'S JENNINGS' PATTERN CAR BITS



12-INCH TWIST

Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12	13	14	15	16
	\$6.00	6.80	7.60	8.80	9.60	10.40	11.20	12.20	13.20	14.40	15.60	16.80	18.00

Half dozen in a box.

ASSORTED IN SETS

Quarters, 32 1/2, per set, \$12.50; 24, per set, \$9.50  
One set in a box.

SWAN'S JENNINGS' PATTERN CAST STEEL MACHINE BITS

6 INCH TWIST, Shank 1/2 inch diameter, 2 inches long.  
3, 4, 9, and 12 inch Twist made to order. Prices on application.

Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12
	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths, Per dozen,	13	14	15	16	17	18	19	20	
	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

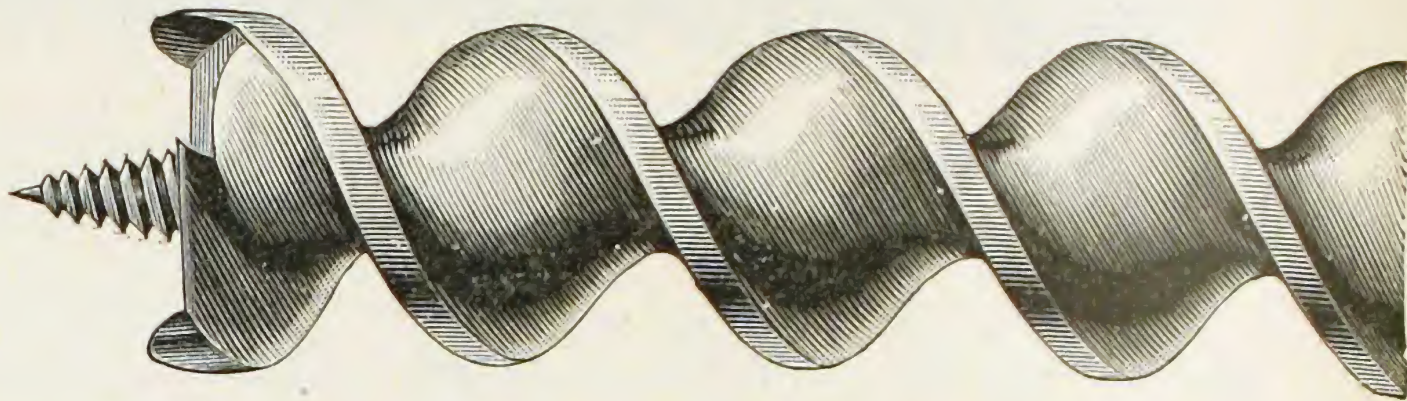
4 to 16 16ths, half dozen in a box; 17 to 32 16ths, quarter dozen.





## NO. 7 PERFECT AUGER BITS

PATENTED IN ENGLAND, DECEMBER 6, 1883.  
PATENTED IN UNITED STATES, DECEMBER 25, 1883.



Made with concave spur by improved and patented machinery, insuring exactness of sizes and ease and rapidity in boring, either in hard or soft wood.

Size, 16ths,	3	4	5	6	7	8	9	10	11
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00
Size, 16ths,	12	13	14	15	16	18	20	22	24
Per dozen,	\$5.50	6.00	6.50	7.25	8.00	10.00	11.00	12.00	14.00

3 to 16 16ths, half dozen in a wooden box; 18 to 24 16ths, one-third dozen.

## ASSORTED IN SETS

Quarters,	21	24	32 1/2
Per set,	\$3.80	4.25	5.75

One set in a wooden box.

## NO. 7 PERFECT CAR BITS

12-INCH TWIST

Size, 16ths,	4	5	6	7	8	9	10	11	12	13	14	15	16
Per dozen,	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75	13.25	15.50	16.50	17.75	18.75	20.50

Half dozen in a box.

## ASSORTED IN SETS

Quarters,	21	24	32 1/2
Per set,	\$9.50	10.50	14.00

One set in a box.

## NO. 7 PERFECT AUGERS

WITH BRASS NUTS

Size, inches,	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	15.00	18.00	22.00

Half dozen in a box.

## NO. 7 PERFECT BORING MACHINE AUGERS

Size, inches,	1/4	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per dozen,	\$10.00	10.00	10.00	10.00	10.00	12.00	13.00	14.00	17.00	20.00	24.00

Quarter dozen in a package.

## ASSORTED IN SETS

18 Quarters—1, 1 1/2, and 2 inches,	per set, \$4.60
23 Quarters—1, 1 1/4, 1 1/2, and 2 inches,	" " 5.70
28 Quarters—1/2, 3/4, 1, 1 1/4, 1 1/2, and 2 inches,	" " 7.25
41 Quarters—1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, and 2 inches,	" " 10.60

One set in a package.





## SHORT RING AUGERS, BLACK LIP



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$
Per dozen,	\$8.50	8.50	9.50	10.50	11.50	12.50	13.50	14.50	17.50
Size, inches,	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Per dozen,	\$17.50	20.50	20.50	24.50	42.50	52.50	74.50	94.50	124.50

To 1 inch, half dozen in a package; larger, quarter dozen.

## LONG RING AUGERS, BLACK LIP



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$9.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	18.00	18.00
Size, inches,		$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Per dozen,		\$21.00	21.00	25.00	25.00	43.00	53.00	75.00	95.00	125.00
Size, 16ths,					5	7	9	11	13	15
Per dozen,					\$9.00	9.00	10.00	11.00	12.00	13.00

To 1 inch, half dozen in a package; larger, quarter dozen.

To 1 inch, half dozen in a package; larger, quarter dozen.

## LONG RING CAST STEEL BRIGHT LIP OR CUBAN AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$
Per dozen,	\$10.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	
Size, inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	
Per dozen,	\$19.00	19.00	22.00	22.00	26.00	26.00	44.00	44.00	
Size, inches,		$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	
Per dozen,		\$54.00	66.00	76.00	86.00	69.00	106.00	126.00	
Size, 16ths,			5	7	9	11	13	15	
Per dozen,			\$10.00	10.00	11.00	12.00	13.00	14.00	

To 1 inch, half dozen in a package; larger, quarter dozen.

## CAST STEEL MILLWRIGHTS' AUGERS



14 INCH TWIST, 33 inches long, Solid Steel, Brass Nuts.						
Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{3}{4}$
Per dozen,	\$12.00	12.00	15.00	15.00	18.00	18.00
Size, inches,	$1\frac{3}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen,	\$21.00	21.00	24.00	24.00	26.00	30.00
Size, inches,		$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
Per dozen,		\$36.00	38.50	42.00	45.00	48.00

Quarter dozen in a package.

## ASSORTED IN SETS

28 Quarters— $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,

per set, \$18.00

41 Quarters— $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,

" " 24.00

Millwrights' Augers, with Rings, furnished to order at an advance of \$1.50 on List Prices.

## RAFTING AUGERS



Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4
Per dozen,	\$27.00	30.00	36.00	42.00	60.00	70.00	85.00	100.00	120.00	140.00

Quarter dozen in a package.





## EXTRA CAST STEEL AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	15.00	18.00
Size, inches,		2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4
Per dozen,		\$22.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	120.00

$\frac{3}{8}$  to 2 inches, half dozen in a box;  $2\frac{1}{4}$  to 4 inches, quarter dozen in a package.

## ASSORTED IN SETS

41 Quarters— $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,  
28 Quarters— $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,

per set, \$9.25  
" " 6.25

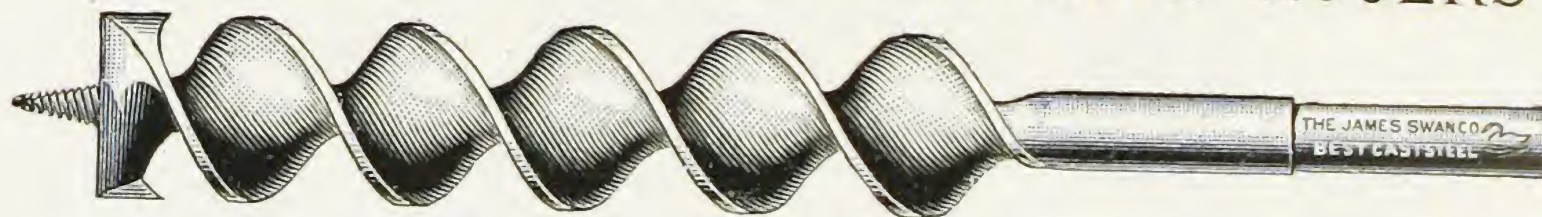
## NO. 1, CAST STEEL AUGERS



Size, inches,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Per dozen,	\$6.00	6.00	7.00	8.00	9.00	10.00	11.00
Size, inches,		$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2
Per dozen,		\$12.00	15.00	15.00	18.00	18.00	22.00

Half dozen in a box.

## CAST STEEL BORING MACHINE AUGERS



Size, inches,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$10.00	10.00	10.00	10.00	10.00	10.00	12.00
Size, inches,		$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,		\$13.00	14.00	16.00	17.00	20.00	24.00

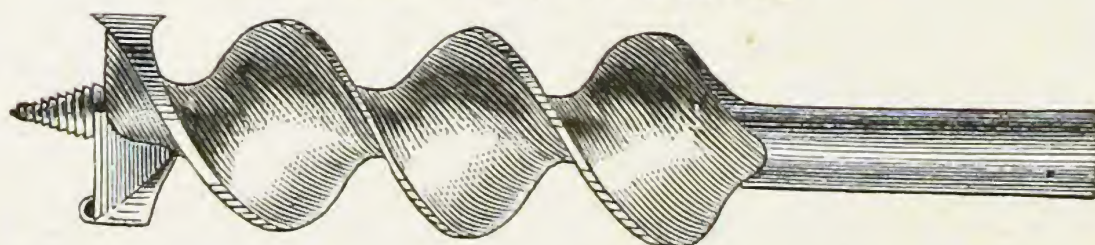
Quarter dozen in a package.

## ASSORTED IN SETS

Quarters,	18	23	28	41
Per set,	\$4.60	5.70	7.25	10.60

One set in a package.

## POST AUGERS



Size, inches,	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Per dozen,	\$20.00	24.00	30.00	40.00

## SUPERIOR GAS FITTERS' AUGERS



Size, inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$8.25	10.00	11.00	13.75	15.50
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	17.75	17.75	20.00	23.00	26.50

Quarter dozen in a package.





## EXTRA CAST STEEL BITS



Size, 16ths,	3	4	5	6	7	8	9	10
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50
Size, 16ths,	11	12	13	14	15	16	17	18
Per dozen,	\$5.00	5.50	6.00	6.50	7.25	8.00	9.00	10.00
Size, 16ths,		20	22	24	26	28	30	32
Per dozen,		\$11.00	12.00	14.00	15.00	16.00	18.00	20.00

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 17 to 32 16ths, one-third dozen.

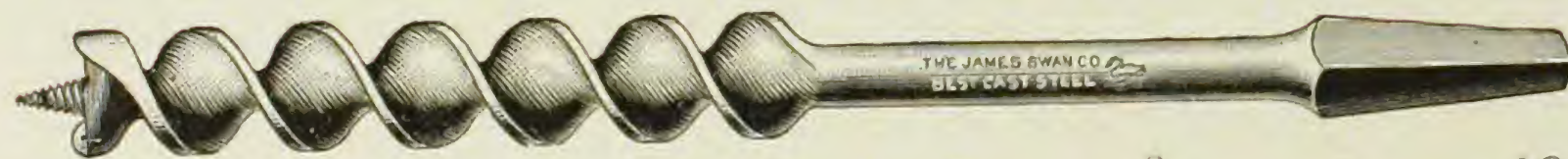
## ASSORTED IN SETS

Sizes, 16ths,	4	5	6	7	8	9	10	11	12	13	14	15	16	per set, \$5.75
32 1/2 Quarters,	1	1	1	1	1	1	1	1	1	1	1	1	1	" " 4.25
24 "	1	1	2	1	2	1	2	1	1					" " 3.80
21 "	2	1	1	1	2	1	1	1	1					" " 3.95
21 "	1	1	3	3	2	1	1							" " 3.70
20 1/2 "	1	1	1	1	1		1		1		1			" " 3.25
18 "	1	1	1	1	1	1	1	1	1					" " 2.50
14 "	1		1		1		1		1					

One set in a box.

Also furnished in Millimeter sizes when so specified.

## NO. 1 CAST STEEL BITS



Size, 16ths,	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$4.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00	5.50
Size, 16ths,	13	14	15	16	18	20	22	24		
Per dozen,	\$6.00	6.50	7.25	8.00	10.00	11.00	12.00	14.00		

## ASSORTED IN SETS

Same as Extra Bits above.

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 18 to 24 16ths, one-third dozen.

Sets, one set in a box.

Also furnished in Millimeter sizes when so specified.

## EXTRA CAST STEEL CAR BITS



## 12-INCH TWIST

Size, 16ths,	4	5	6	7	8	9	10
Per dozen,	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75
Size, 16ths,		11	12	13	14	15	16
Per dozen,		\$13.25	15.50	16.50	17.75	18.75	20.50

Half dozen in a box.

## ASSORTED IN SETS

Quarters,	32 1/2	24	21
Per set,	\$14.00	10.50	9.50

## EXTRA CAST STEEL PLUG AND SUGAR BITS

Same sizes and List Price as Extra Bits.

4 to 11 16ths, one dozen in a box; 12 to 32 16ths, half dozen.

## EXTRA CAST STEEL HANDLED AUGER BITS

Assorted, 4 to 8 16ths (12)—2 each, 5, 6, 7, 8; 4 of 4 16ths,	per dozen, \$4.00
" 4 to 12 16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each 10, 12 16ths,	" " 4.25

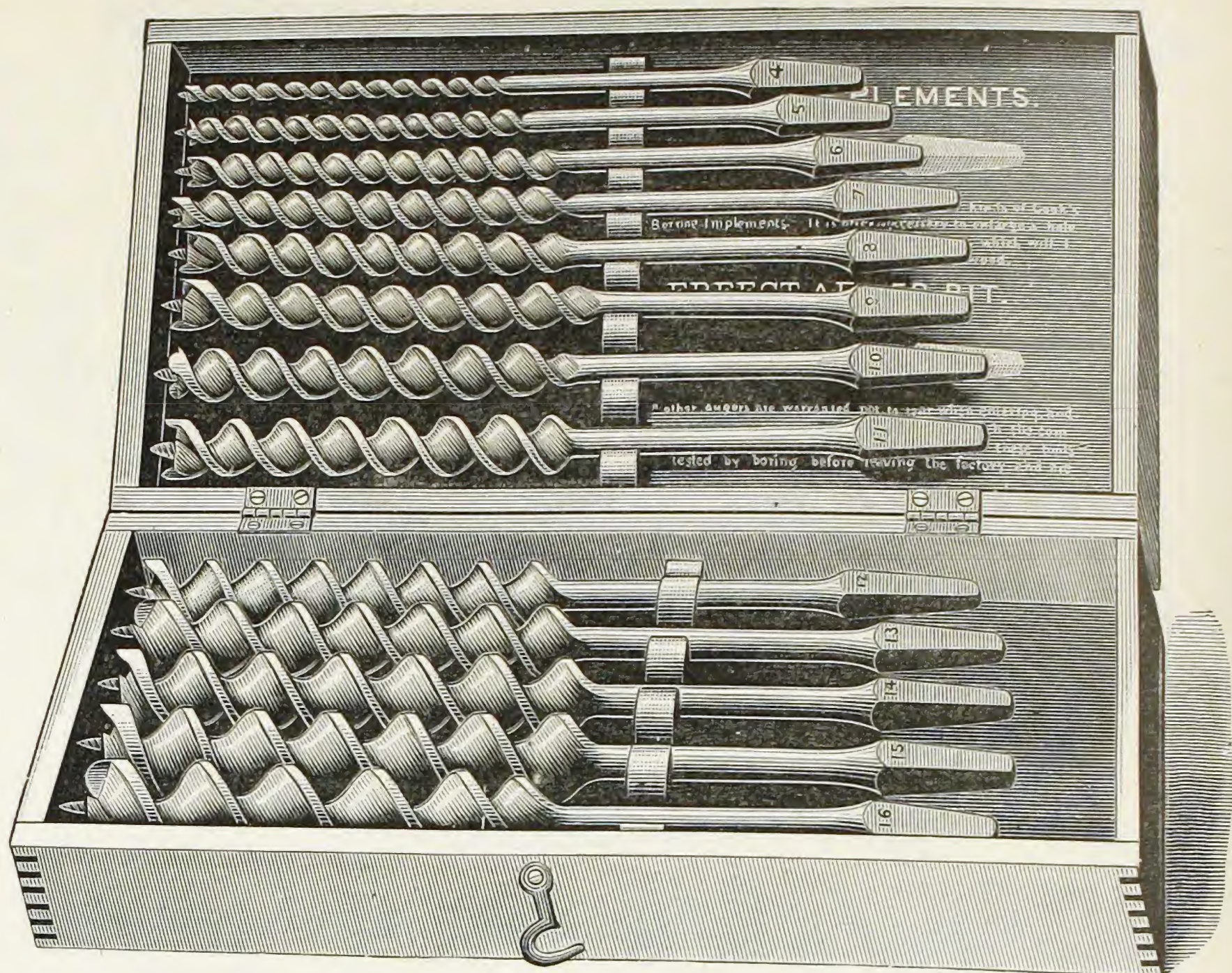
One dozen in a box.

Handled Auger Bits in separate sizes, same List as Extra Bits.





## BITS, ASSORTED IN WOODEN BOXES



For the convenience of Mechanics and Wood-workers we are now packing our Auger Bits in boxes as above illustrated. These boxes are made of hard wood, with patented spring racks that hold the Bits securely in their places. The holding springs may be made tighter or looser, as desired.

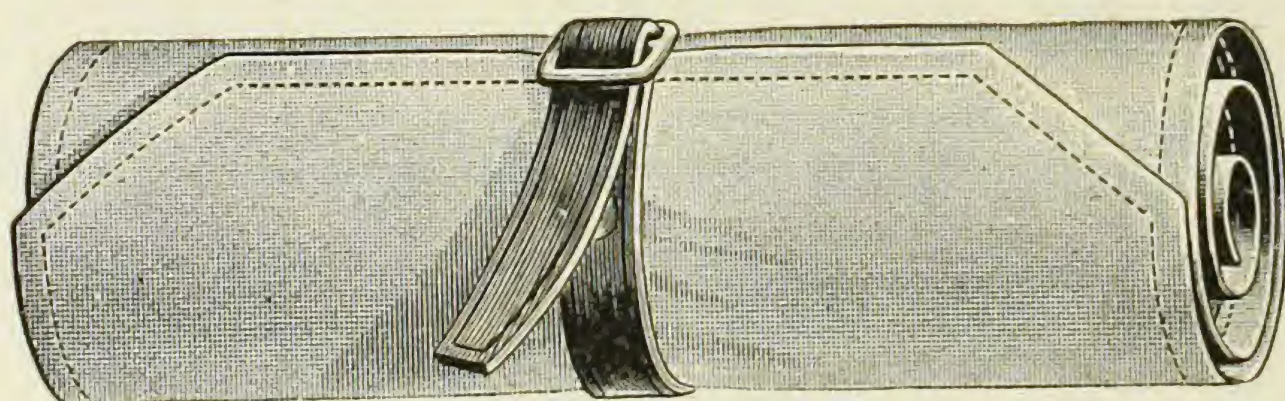
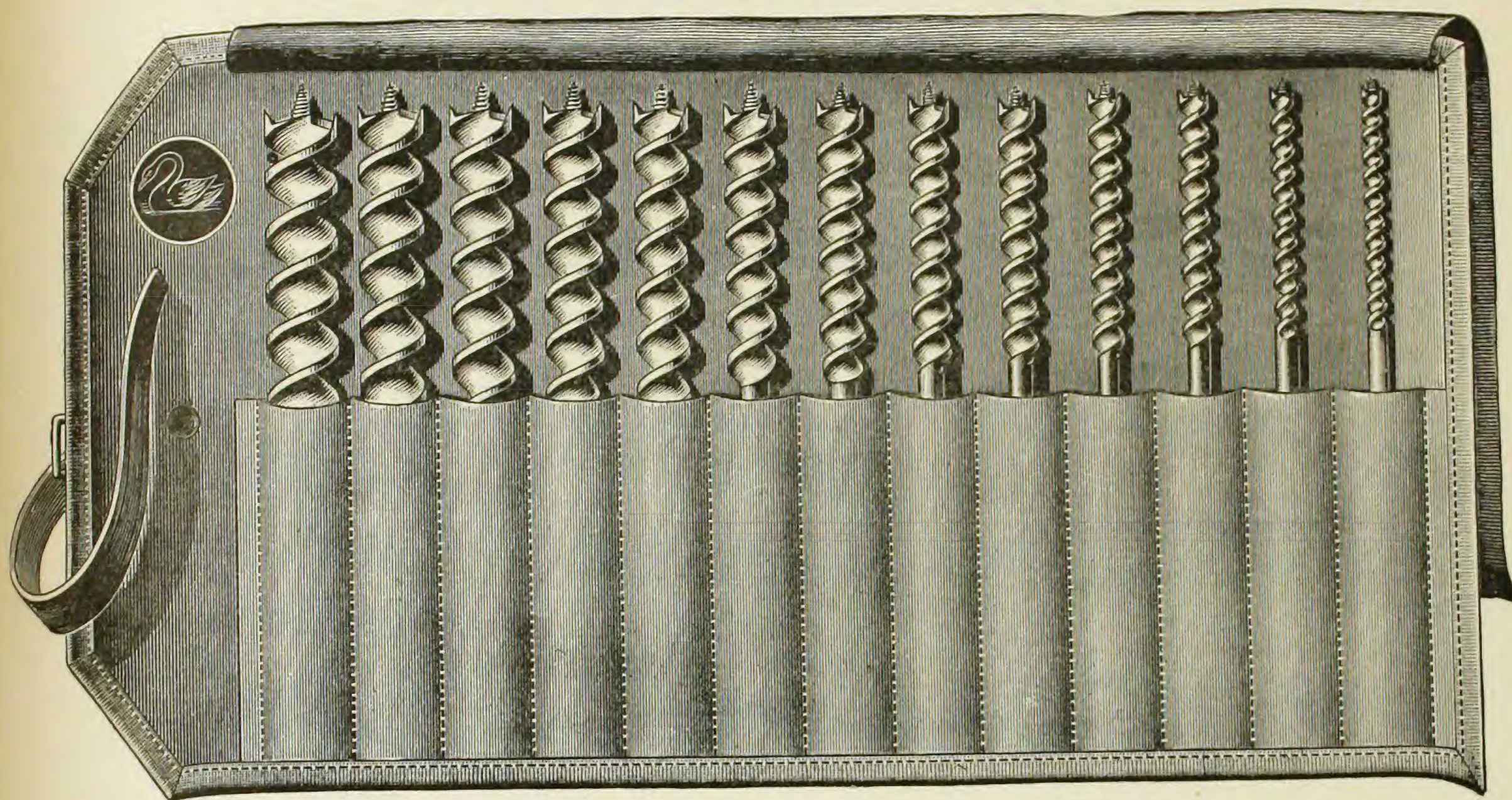
All of our Auger Bits packed in this manner are carefully selected, and are fully warranted.

No. 32 1/2	Extra Bits, packed in Chestnut Boxes,	13 Bits, Assorted 4 to 16 16ths,	Per set.
No. 20 1/2	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16,	\$3.25
No. 18	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12,	2.50
No. 14	" " " " " "	6 Bits, 1 each, 4, 6, 8, 10, 12, 16,	2.25
No. 132 1/2	No. 1 Bits, " " " "	13 Bits, Assorted 4 to 16 16ths,	2.00
No. 120 1/2	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16,	3.00
No. 118	" " " " " "	9 Bits, 1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12,	2.25
No. 114	" " " " " "	6 Bits, 1 each, 4, 6, 8, 10, 12, 16,	2.00
No. 732 1/2	No. 7 Perfect Bits, packed in Black Walnut Boxes,	13 Bits, Assorted 4 to 16 16ths,	1.75
No. 1732 1/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	4.00
No. 832 1/2	Jennings' Pattern, " " " "	Black Walnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	3.75
No. 1832 1/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	5.00
No. 2832 1/2	" " " " " "	Black Lip, packed in Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	4.75
No. 932 1/2	Cook's patent, " " " "	packed in Black Walnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	3.00
No. 1932 1/2	" " " " " "	Chestnut Boxes, 13 Bits, Assorted 4 to 16 16ths,	5.00
			4.75





# BITS, ASSORTED IN CANVAS ROLLS



Cuts illustrate a Flexible Canvas Roll, open and closed. These rolls are made of heavy, slate colored canvas, properly lined with canton flannel and extra flap. Securely holding each bit in its separate pocket.

It measures, with the bits complete when rolled up,  $3 \times 11$  inches.

All Auger Bits packed in this manner are carefully selected and fully warranted.

No. 032 1/2	Extra,	13 Bits, 1 each, 4 to 16 16ths,	per set, \$3.25
No. 0132 1/2	No. 1,	13 " 1 " 4 to 16 16ths,	" " 3.00
No. 0832 1/2	Jennings' Pattern,	13 " 1 " 4 to 16 16ths,	" " 5.00
No. 0932 1/2	Cook's Patent,	13 " 1 " 4 to 16 16ths,	" " 5.00

One Roll, complete with bits in a package.





## EXTRA CAST STEEL MACHINE BITS



6 INCH TWIST, Shank  $\frac{1}{2}$  inch diameter, 2 inches long.  
3, 4, 9, and 12 inch Twist made to order. Prices on application.

Size, 16ths, Per dozen,	4	5	6	7	8	9	10	11	12
	\$4.50	5.10	5.70	6.60	7.20	7.80	8.40	9.15	9.90
Size, 16ths, Per dozen,	13	14	15	16	17	18	19	20	
	\$10.80	11.70	12.60	13.50	14.40	15.30	16.20	17.10	
Size, 16ths, Per dozen,	21	22	23	24	26	28	30	32	
	\$18.00	18.90	19.80	20.70	22.50	24.30	26.10	27.90	

4 to 16 16ths, half dozen in a box; 17 to 32 16ths, quarter dozen.

## EXTRA CAST STEEL DOWEL BITS

LONG AND SHORT

Size, 16ths, Per dozen,	4	5	6	7	8	9	10
	\$3.50	3.50	3.75	3.75	4.00	4.25	4.50

One dozen in a box.

## SWAN'S GERMAN GIMLET BITS



Size, 32ds, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,  
Assorted, 4 to 8 32ds,

per dozen, \$1.00  
" " 1.00

One dozen in a box.

## SWAN'S TWIST DRILLS FOR WOOD



Size, 32ds, Per dozen,	2	3	4	5	6	7	8	9	10
	\$1.60	1.60	1.60	1.75	2.00	2.50	3.00	3.50	3.50
Size, 32ds, Per dozen,	11	12	13	14	15	16	17	18	19
	\$4.00	4.00	4.50	4.50	5.00	5.00	5.50	5.50	6.00

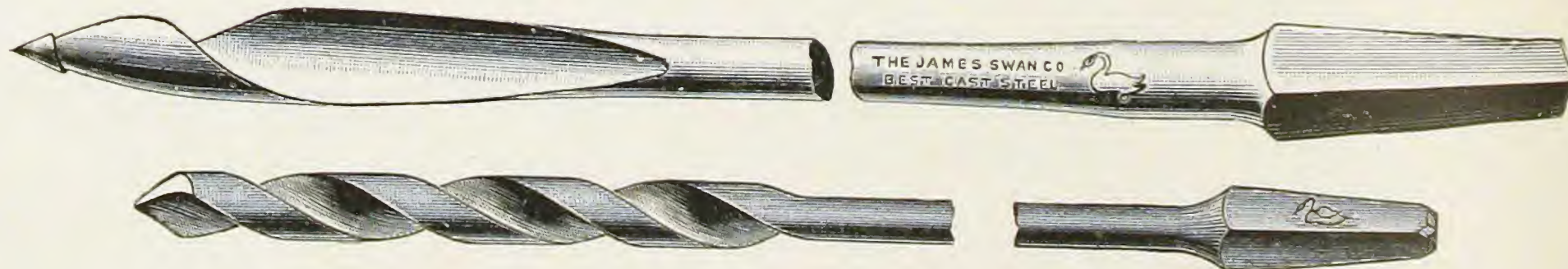
Assorted (1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18 32ds),

per set, \$2.75

One dozen in a wooden box.

## EXTRA LENGTH GERMAN BITS AND TWIST DRILLS

For Bell Hangers, Telephone and Telegraph Work.

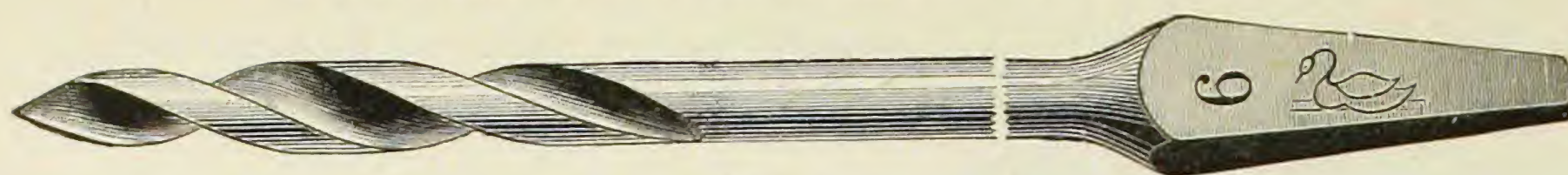


Size, 32ds, Length, 12 inches,	6	8	10	12	14	16	18	20
	per dozen, \$5.00	5.00	5.50	6.00	7.00	8.00	9.00	10.00
" 18 "	" "	7.00	7.00	7.50	8.00	9.00	10.00	11.00
" 24 "	" "	9.00	9.00	9.50	10.00	11.00	12.00	13.00
" 30 "	" "	11.00	11.00	12.00	12.00	13.00	14.00	15.00
" 36 "	" "	13.00	13.00	13.00	13.00	14.00	15.00	16.00





## DOUBLE CUT GIMLETS AND BITS



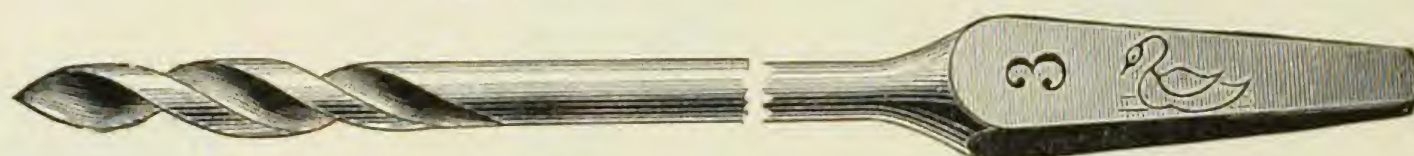
No. 6



No. 5



No. 4



No. 3



No. 2



No. 1

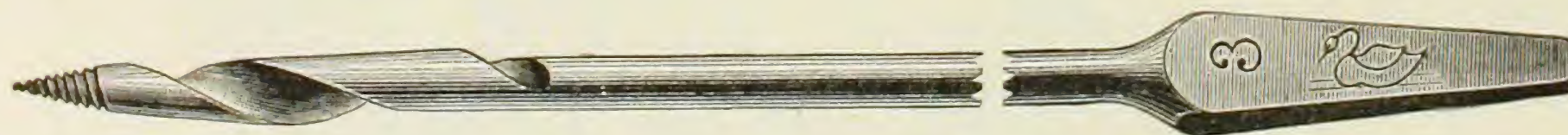
## DOUBLE CUT GIMLET BITS

Nos.	1	2	3	4	5	6	Assorted 1 to 6
Per dozen,	\$1.00	1.12 1/2	1.25	1.37 1/2	1.50	1.62	1.25
	One dozen in a box.			Assorted, three dozen in a box.			

## DOUBLE CUT GIMLET, COCOA HEAD

Nos.	1	2	3	4	Assorted 1 to 4
Per gross,	\$7.50	8 50	9.50	10.50	10.00
	One-third gross in a box.				

## GIMLET BITS



Without screw, Assorted, Nos. 1 to 6,  
With " " Nos. 1 to 6,

Quarter gross in a box.

per gross, \$9.00  
" " 7.50

## CARRIAGE MAKERS' PLUG CUTTERS



Size, inches, 3/8, 7/16, 1/2, 9/16, 5/8,

Half dozen in a box.

per dozen, \$3.00

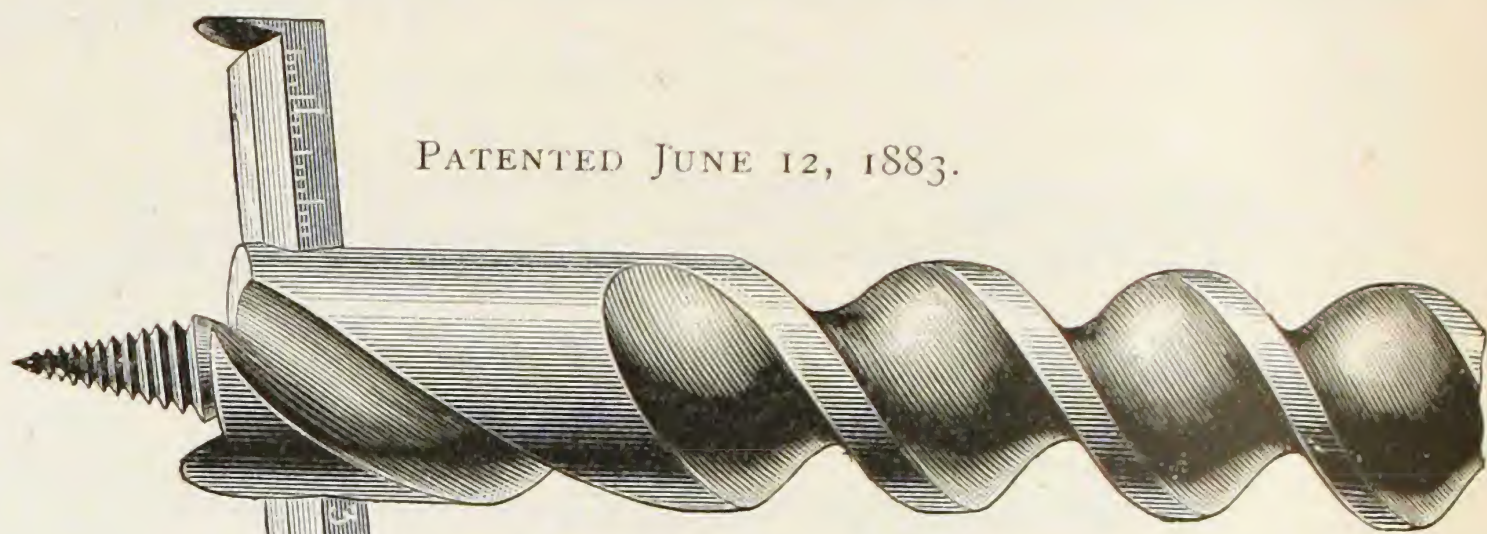




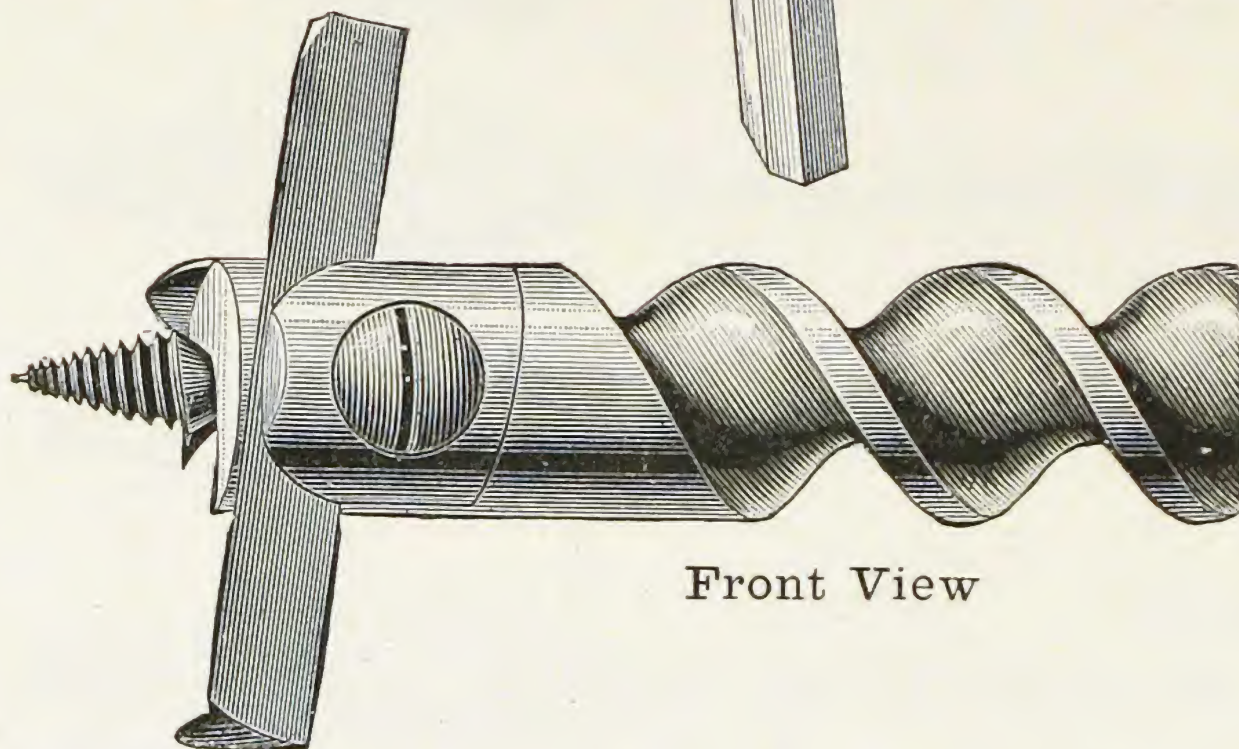
# SWAN'S PATENT EXPANSIVE BITS

Rapid Boring, Secure and Exact Adjustment, the only Expansive Bit made with a Twist, taking out a Continuous Chip.

PATENTED JUNE 12, 1883.



Back View



Front View

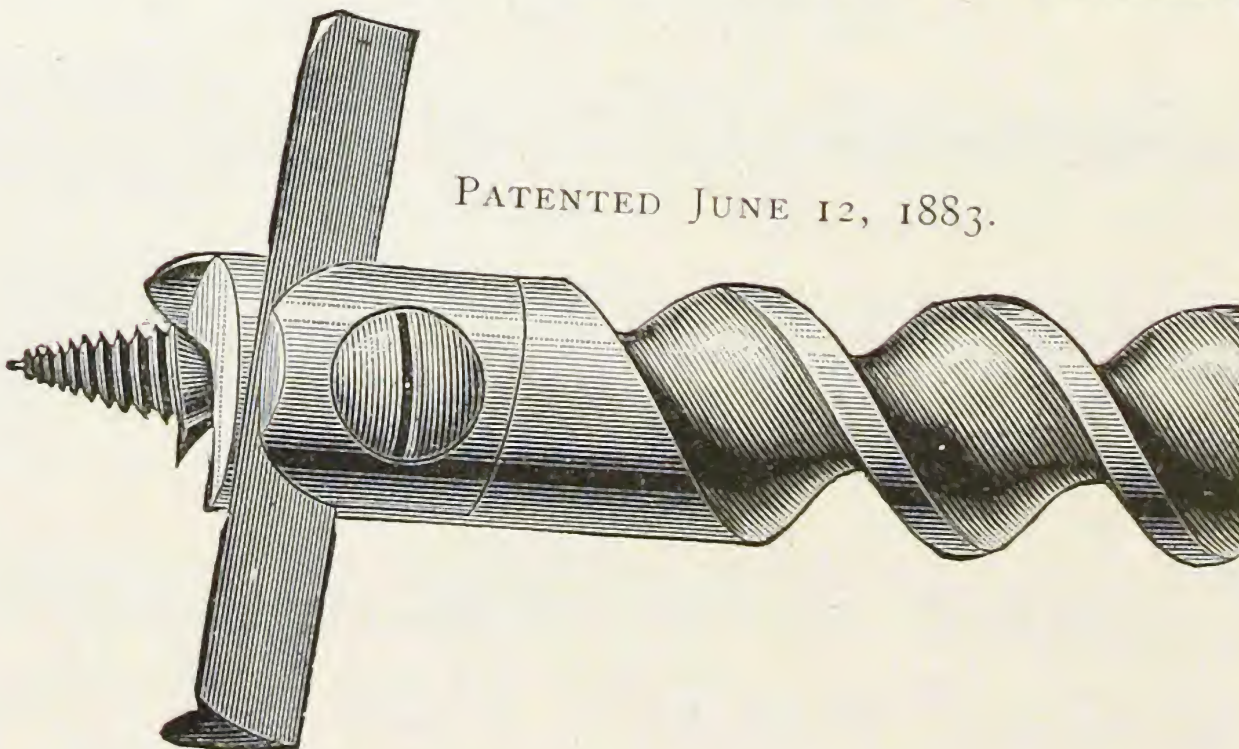
No.		Per dozen.	No.		Per dozen.
1	Cutting from $\frac{9}{16}$ to $1\frac{1}{2}$ inches,	\$18.00	3	Cutting from $\frac{5}{8}$ to 3 inches,	\$26.00
2	" " $\frac{9}{16}$ to $2\frac{1}{2}$ "	24.00	4	" " $\frac{3}{4}$ to 4 "	35.00
One in a box.					

## EXTRA CUTTERS

No.		Per dozen.	No.		Per dozen.
1	$\frac{5}{8}$ to $1\frac{1}{8}$ inches for No. 1 or 2 Bit,	\$3.00	6	$1\frac{7}{8}$ to 3 inches for No. 3 Bit,	\$6.00
2	$1\frac{1}{8}$ to $1\frac{5}{8}$ " " No. 1 or 2 "	3.75	7	$\frac{3}{4}$ to $1\frac{3}{4}$ " " No. 4 "	5.25
3	$1\frac{5}{8}$ to $2\frac{1}{2}$ " " No. 1 or 2 "	6.00	8	$1\frac{1}{2}$ to $2\frac{1}{2}$ " " No. 4 "	6.00
4	$\frac{3}{4}$ to $1\frac{1}{4}$ " " No. 3 Bit	3.75	9	$2\frac{1}{2}$ to 4 " " No. 4 "	9.00
5	$1\frac{1}{4}$ to $1\frac{7}{8}$ " " No. 3 "	5.25			

# SWAN'S PATENT EXPANSIVE BORING MACHINE AUGERS

PATENTED JUNE 12, 1883.



No.		Per dozen.
5	Cutting from $\frac{3}{4}$ to $2\frac{1}{2}$ inches,	\$40.00
No.		
7	$\frac{3}{4}$ to $1\frac{3}{4}$ inches,	\$5.25
8	$1\frac{1}{2}$ to $2\frac{1}{2}$ "	6.00

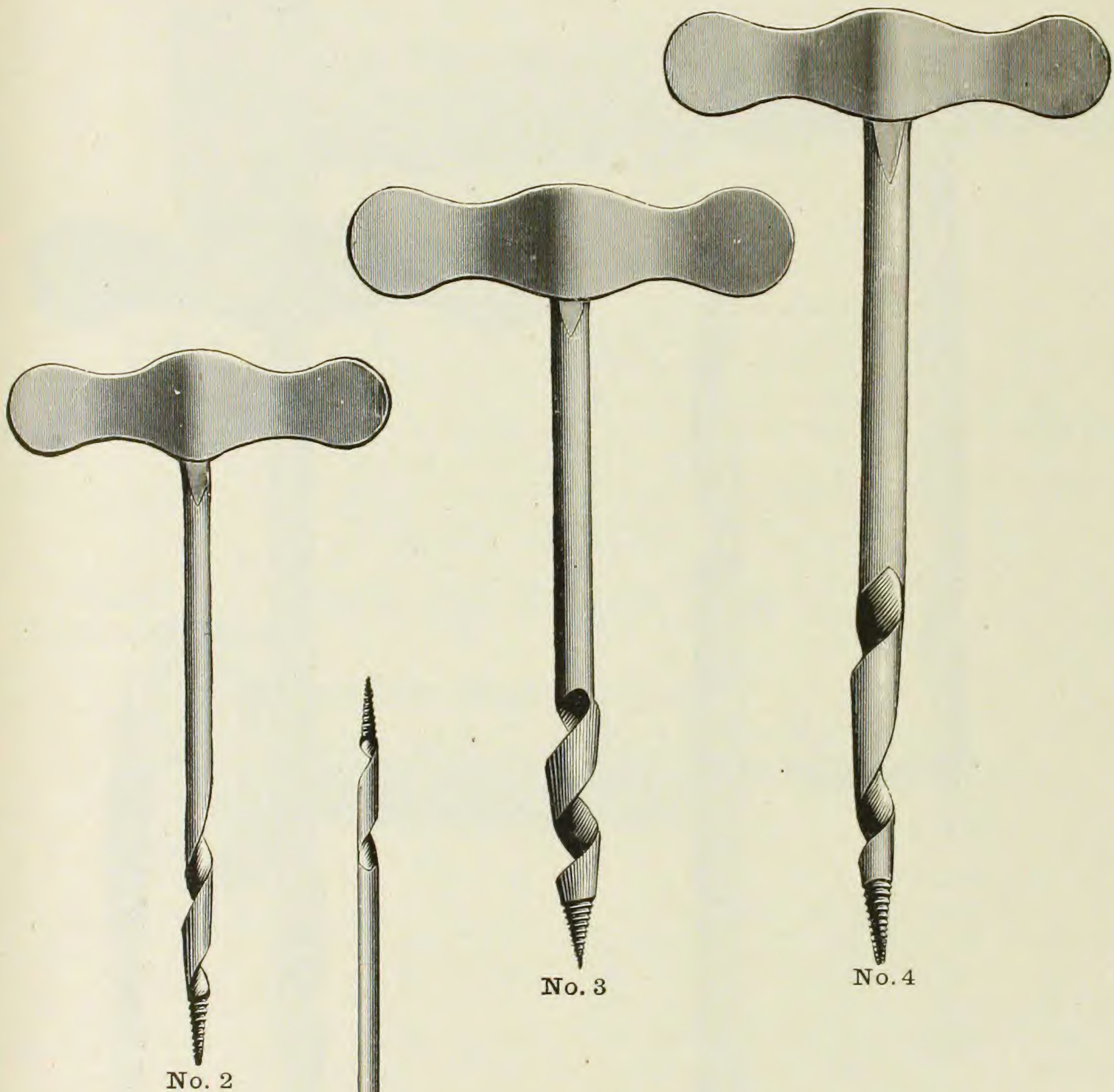
## EXTRA CUTTERS





# METAL AND WOOD HEAD GIMLETS

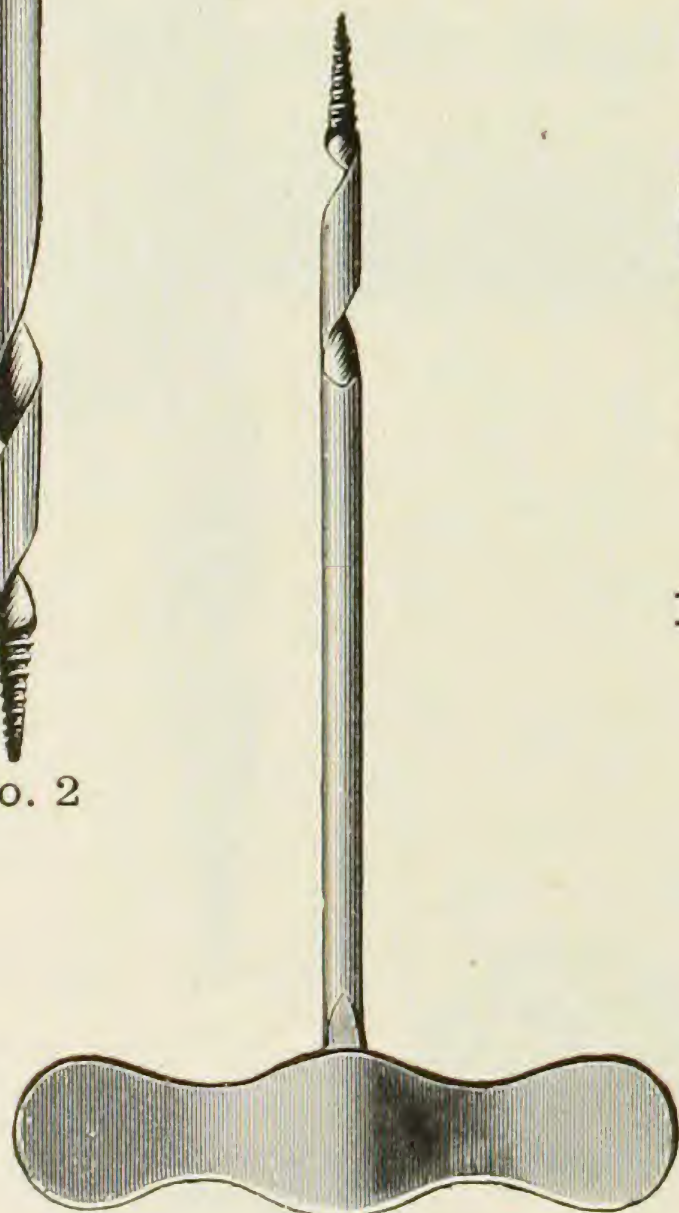
ILLUSTRATIONS, FULL-SIZE



No. 3

No. 4

No. 2



No. 1

## NAIL GIMLETS

Metal Head, No. 1 Assorted, per gross, \$4.00  
 " " Extra Assorted, " " 4.50

## CAST STEEL EXCELSIOR NAIL GIMLETS

Metal Head, Assorted, Nos. 1, 2, and 3,	per gross, \$4.50
" " " Nos. 2 and 3,	" " 5.00
" " " Nos. 1, 2, 3, and 4,	" " 5.00
" " " Nos. 2, 3, and 4,	" " 6.00
" " " Nos. 3 and 4,	" " 6.00
Cocoa " " Nos. 1, 2, and 3,	" " 4.50
" " " Nos. 1, 2, 3, and 4,	" " 5.00

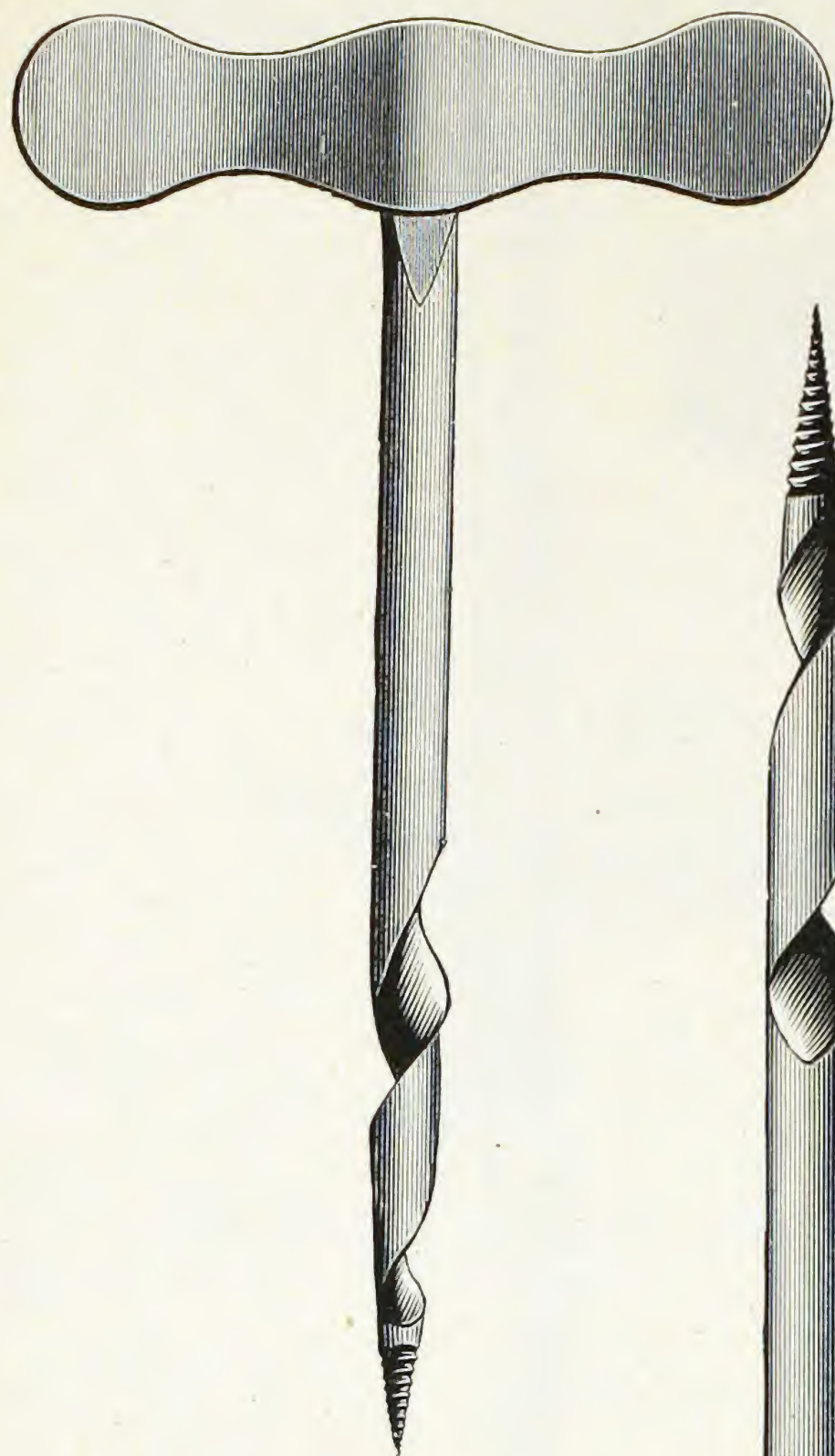
Half gross in a box.



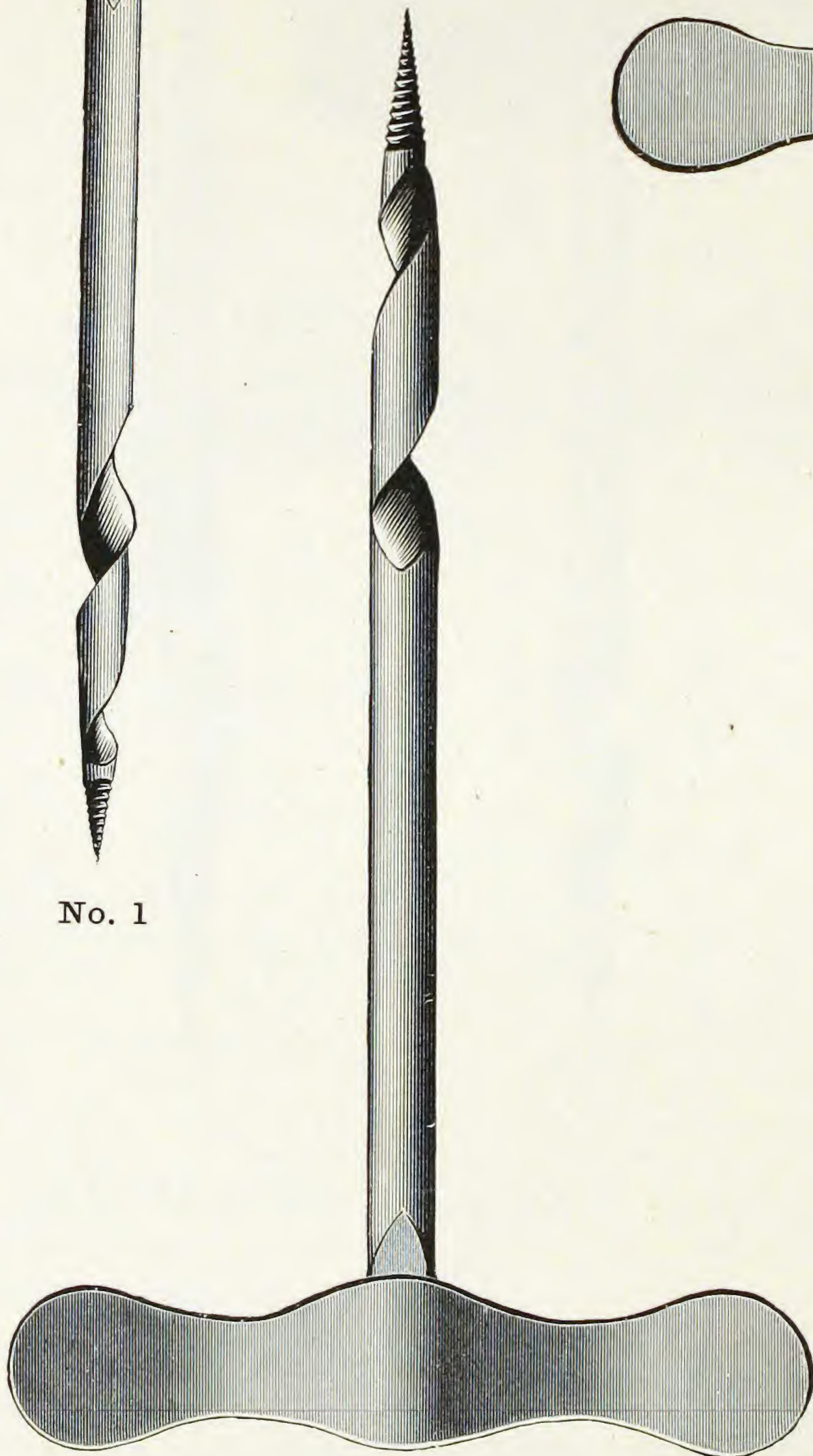


## CAST STEEL SPIKE GIMLETS

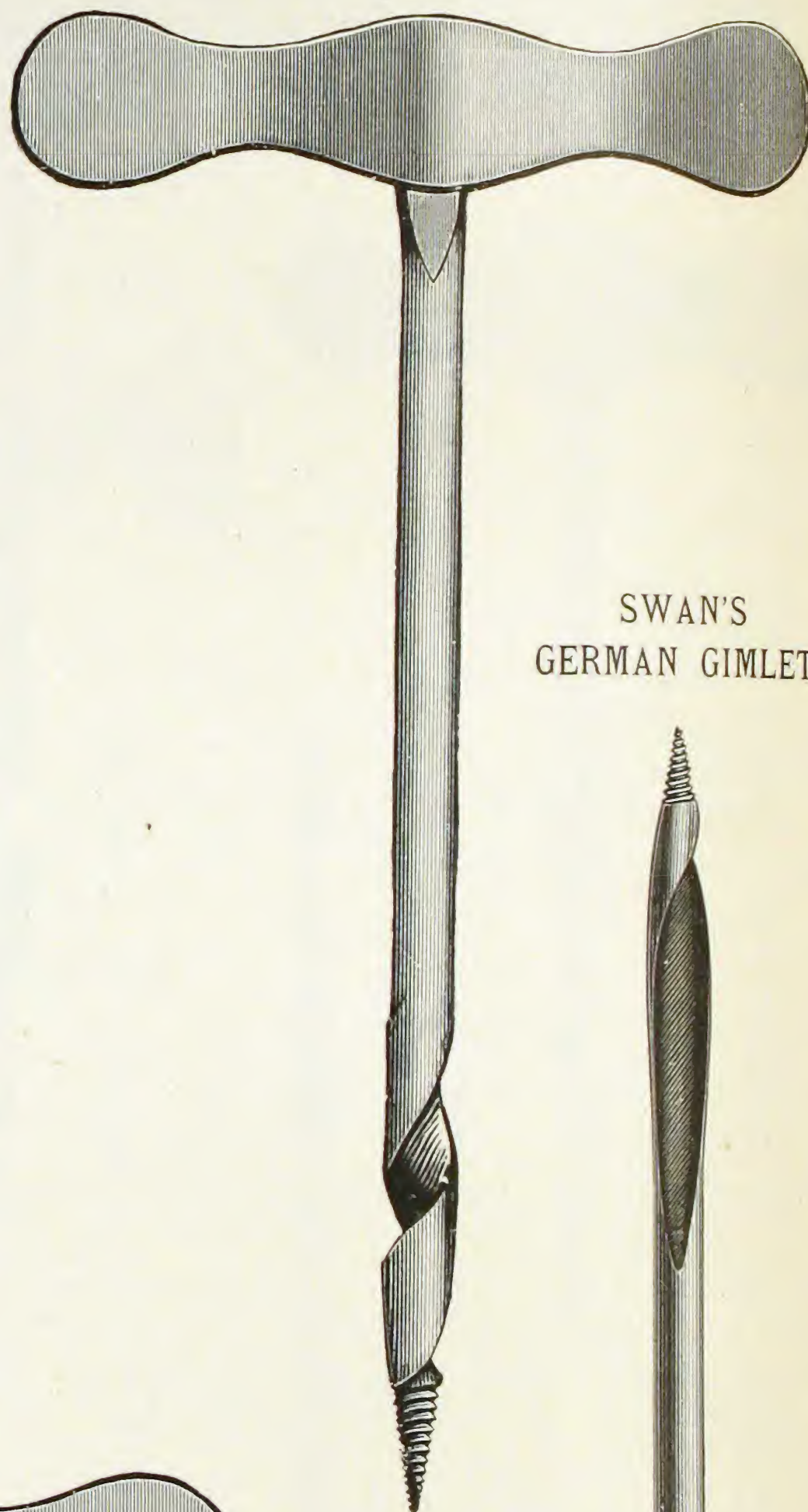
ILLUSTRATIONS, FULL-SIZE



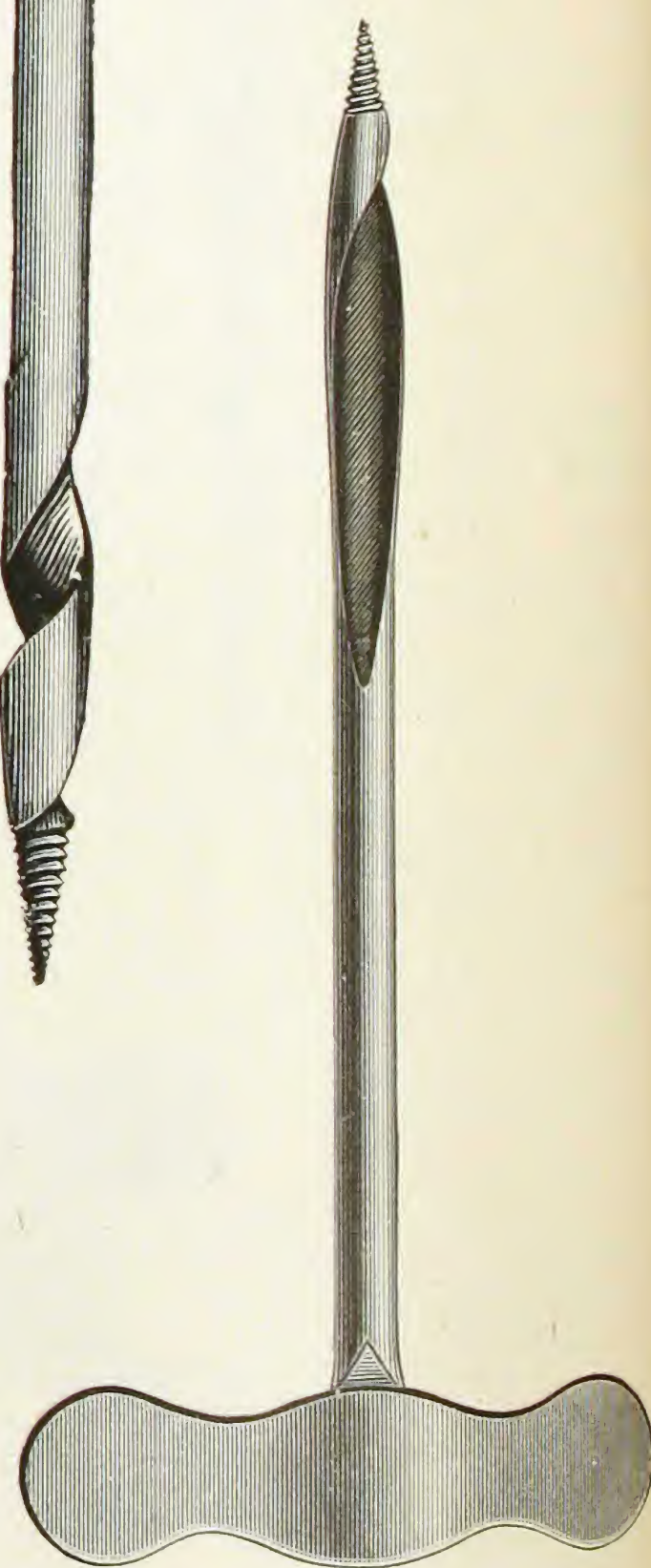
No. 1



No. 3



No. 2

SWAN'S  
GERMAN GIMLETS

## CAST STEEL SPIKE GIMLETS

Metal Head, No. 1, Assortment,	
" " No. 2, "	
" " No. 3, "	
Cocoa " No. 1, "	
" " No. 2, "	
" " No. 3, "	

Per gross.
\$8.00
9.00
10.00
8.00
9.00
10.00

Half gross in a box.

Nos. 1, 2, 3, 4,  
Assorted,

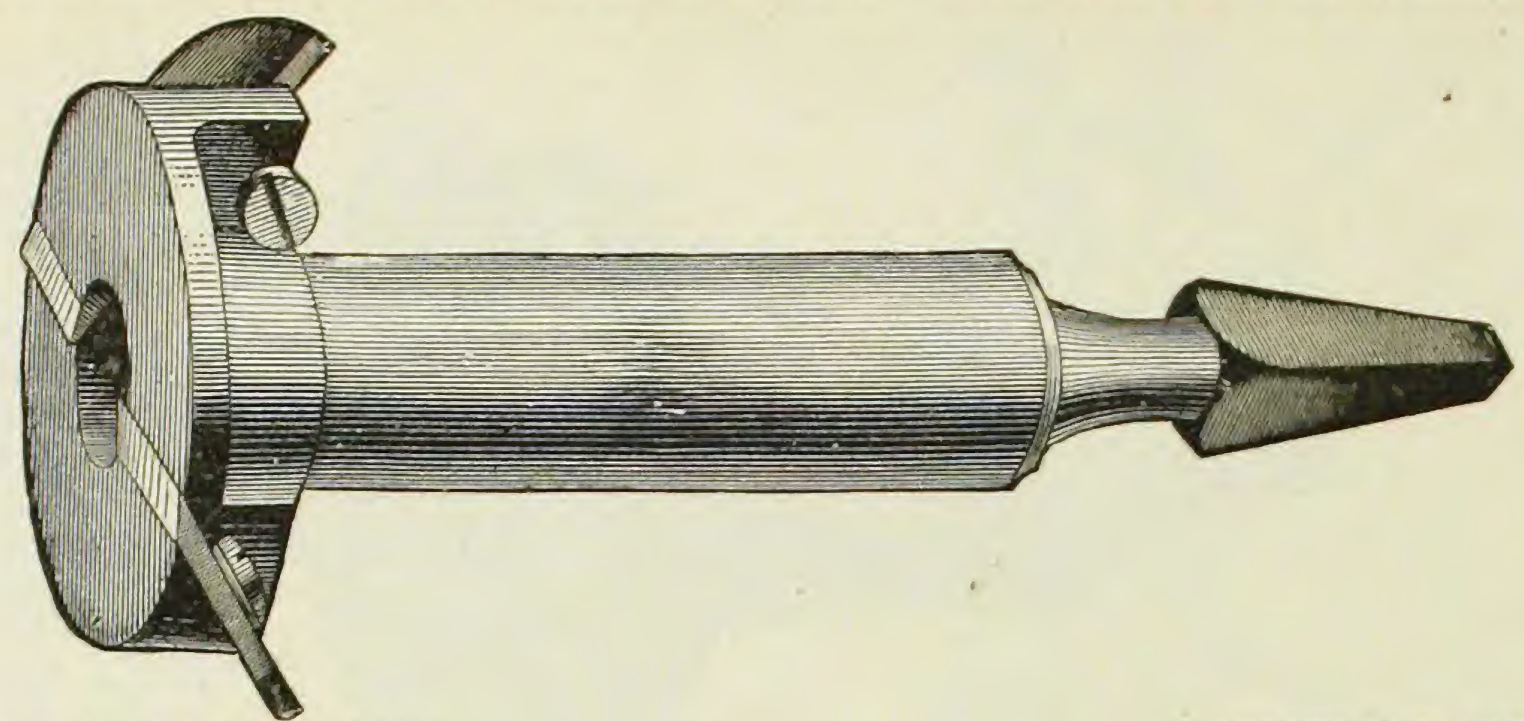
Per gross.
\$9.00
9.00

Quarter gross in a box.





AMES' PATENT IMPROVED HOLLOW AUGERS



WITH COOK'S PATENT BITS

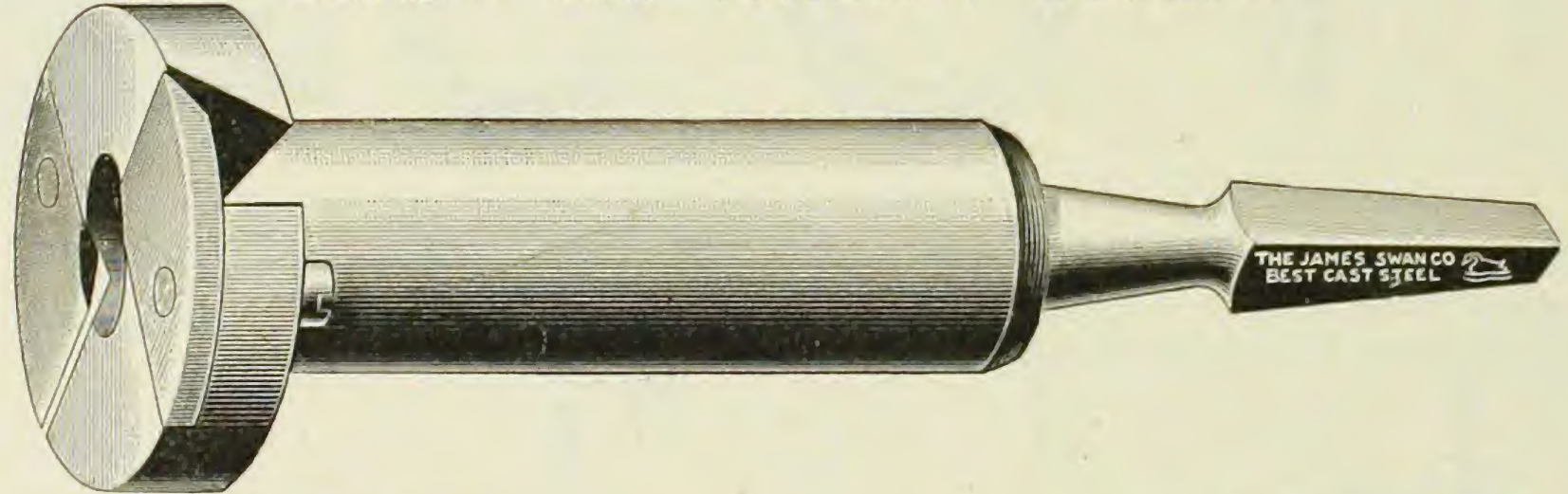
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$12.00	12.00	12.00	14.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$14.00	14.00	16.00	16.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$20.00	20.00	24.00	24.00

WITHOUT BITS

Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$8.00	8.00	8.00	9.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$9.00	9.00	12.00	12.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$14.00	14.00	16.00	16.00

$\frac{3}{8}$  to 1 inch, one-third dozen in a package.  
 $1\frac{1}{8}$  to  $1\frac{1}{2}$  inches, one-sixth dozen.

SCREW CAP HOLLOW AUGERS



WITH COOK'S PATENT BITS

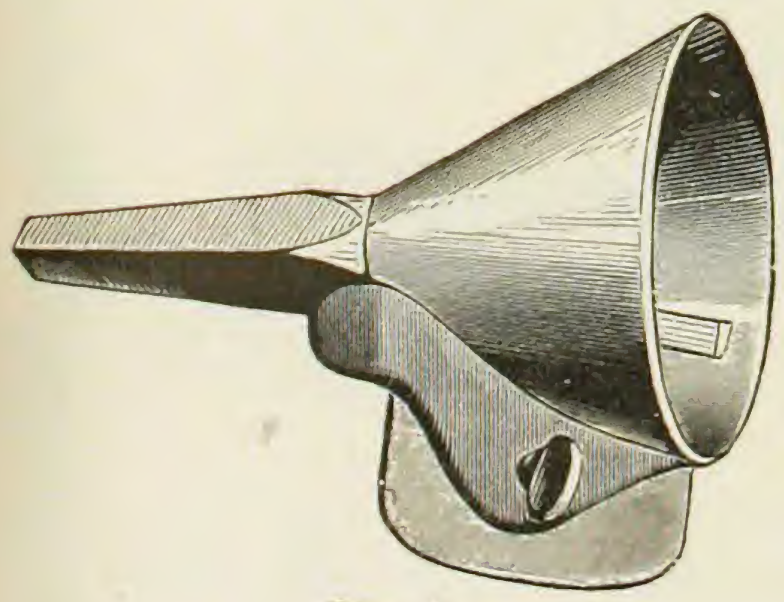
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$12.00	12.00	12.00	14.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$14.00	14.00	16.00	16.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$20.00	20.00	24.00	24.00

WITHOUT BITS

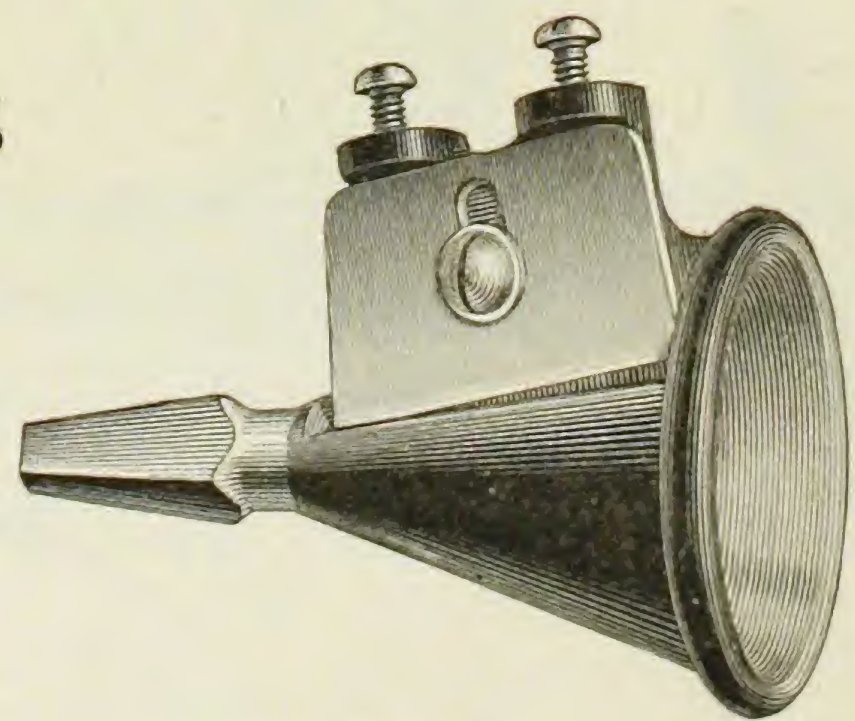
Size, inches,	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$
Per dozen,	\$8.00	8.00	8.00	9.00
Size, inches,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$9.00	\$9.00	12.00	12.00
Size, inches,	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
Per dozen,	\$14.00	14.00	16.00	16.00

$\frac{3}{8}$  to 1 inch, one-third dozen in a package.  
 $1\frac{1}{8}$  to  $1\frac{1}{2}$  inches, one-sixth dozen.

SPOKE POINTERS



No. 1



No. 2

No. 1,  
No. 2,

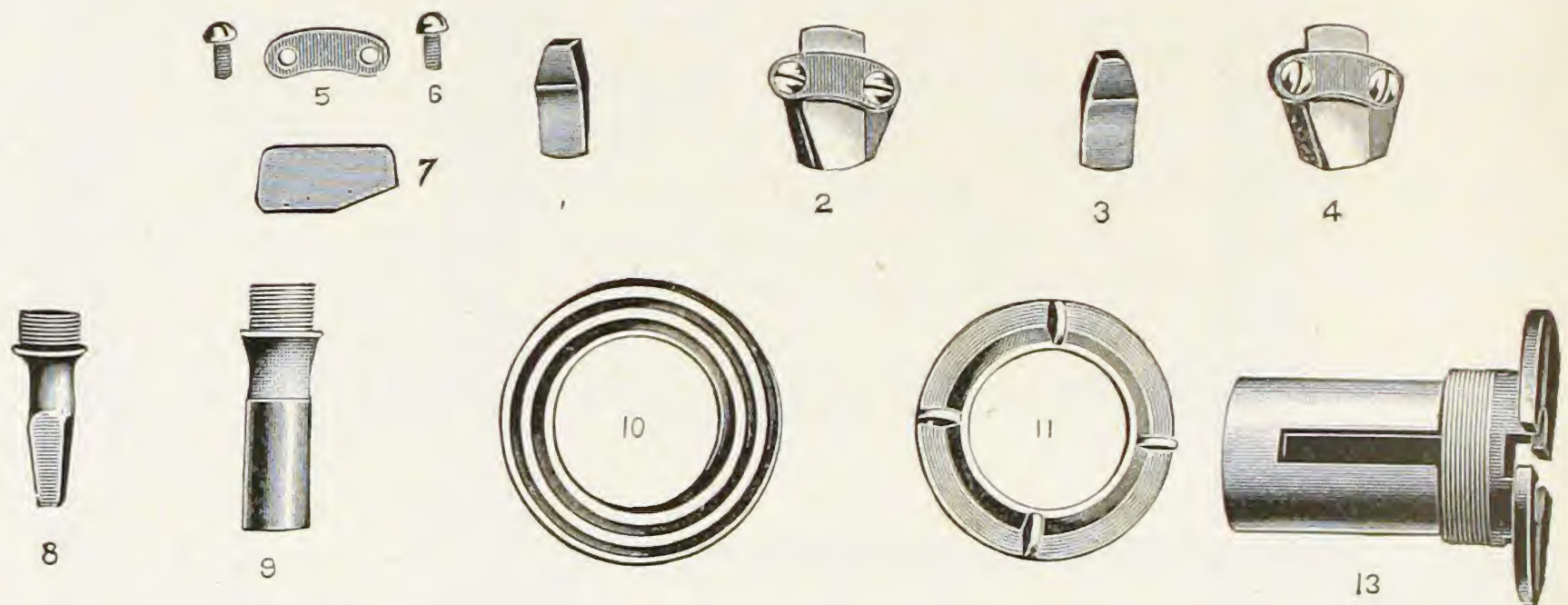
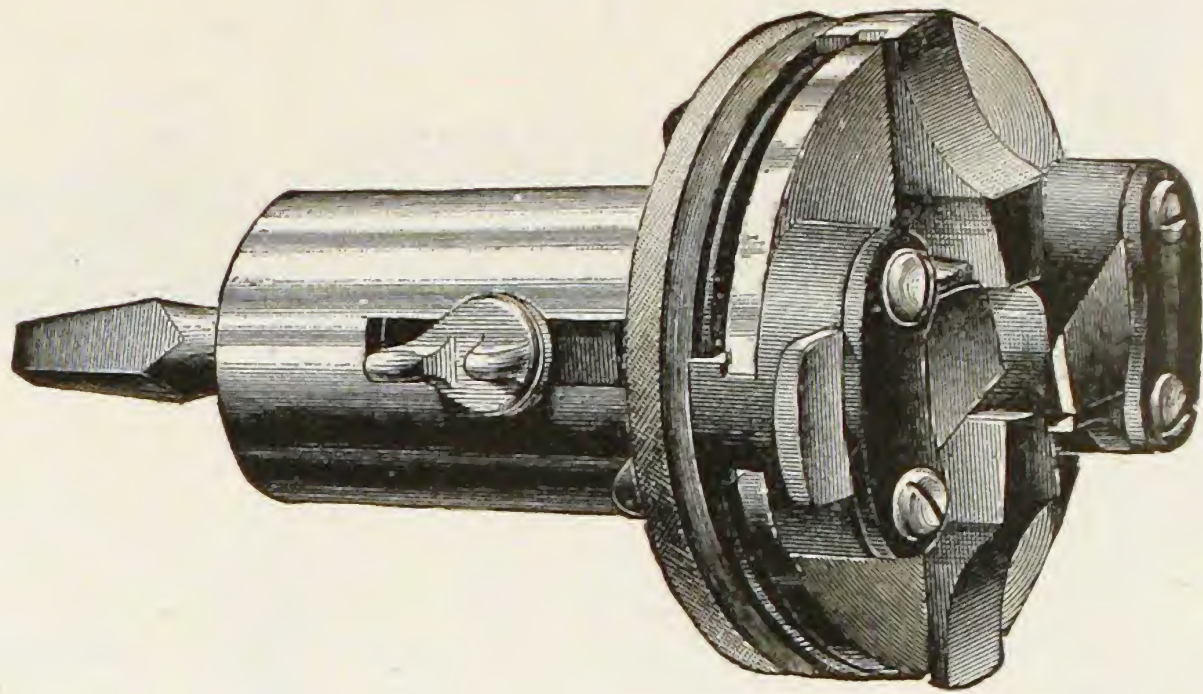
per dozen, \$9.00  
" " 5.00

One-third dozen in a box.





# SWAN'S IMPROVED UNIVERSAL HOLLOW AUGERS



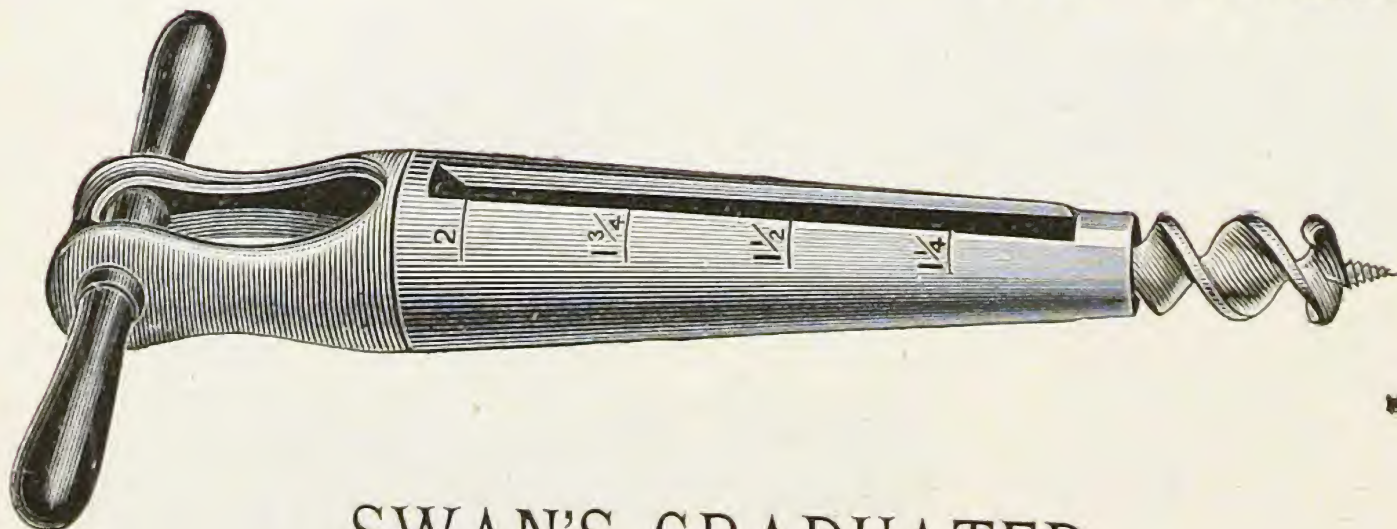
The above cut represents a well-known tool and its parts, which can be ordered by number.  
Depth gauge to regulate the length of tenon, face graduated so it can be readily set to any desired size.  
It will answer the purpose of a full set of Augers from  $\frac{3}{8}$  to  $1\frac{1}{2}$  inches.

Without Bits,  
With Cook's Patent Bits, Assorted,  $\frac{3}{8}$  to  $1\frac{1}{2}$  inches,  
Machine or Round Shanks, extra,

One in a wooden box.

each, \$4.50  
" 9.50  
" .50

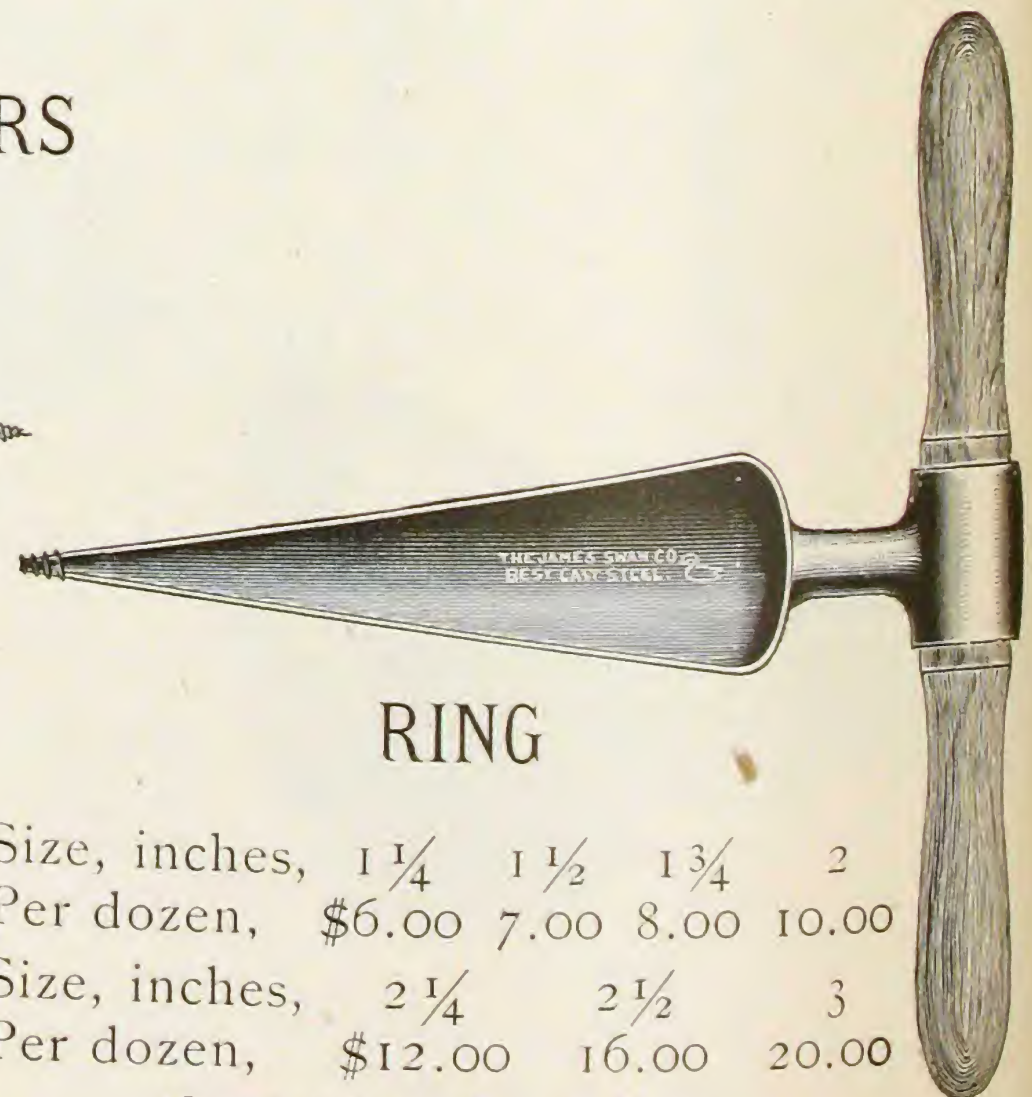
## TAP BORERS



### SWAN'S GRADUATED

Nos.	1	2	3
Cut, inches,	$\frac{5}{8}$ to $1\frac{1}{2}$	$1\frac{1}{8}$ to 2	$1\frac{1}{2}$ to 3
Marked, " "	$\frac{3}{4}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to 2	2 to 3
Each,	\$1.25	1.65	2.50

One in a package.



### RING

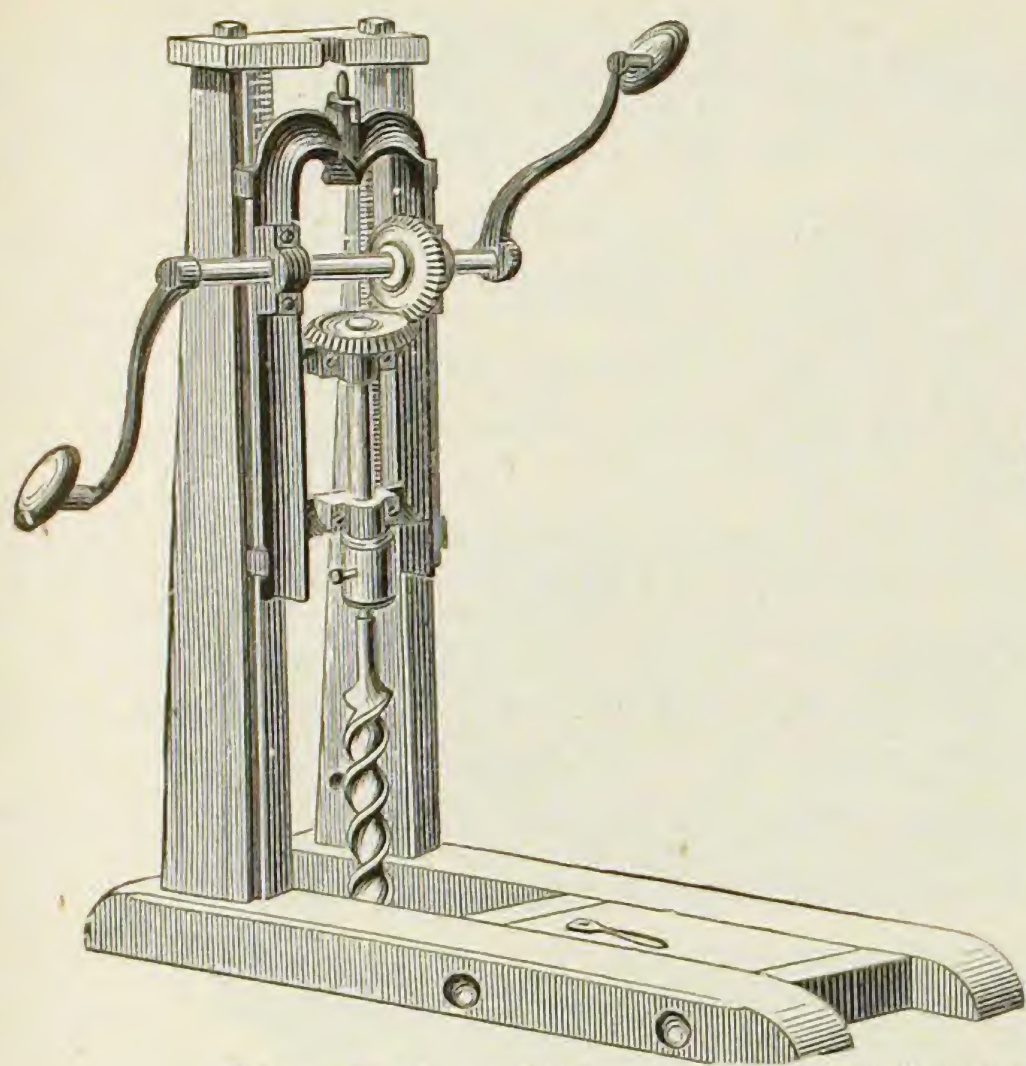
Size, inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$6.00	7.00	8.00	10.00
Size, inches,	$2\frac{1}{4}$	$2\frac{1}{2}$	3	
Per dozen,	\$12.00	16.00	20.00	

Quarter dozen in a package.

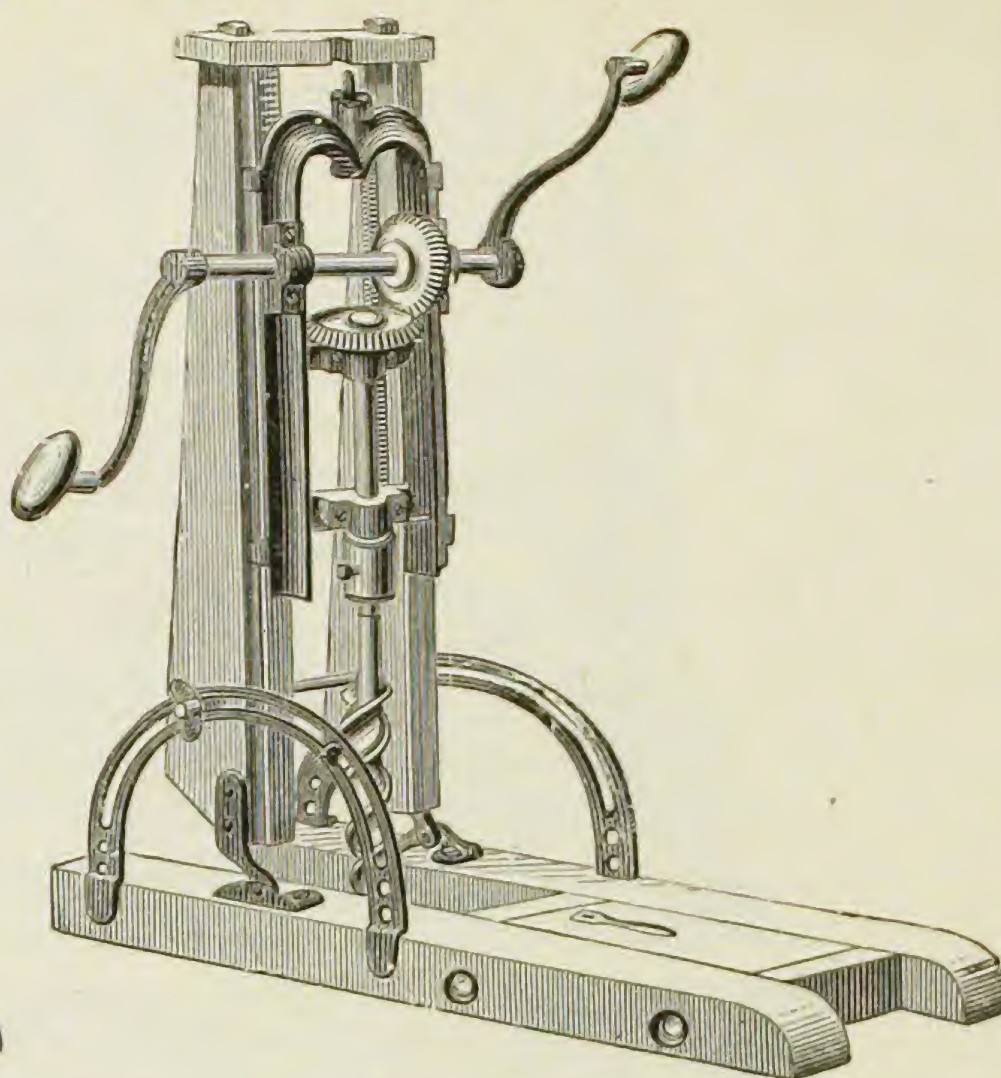




## IMPROVED BORING MACHINES



Nos. 3, 4, and 5



Nos. 1 and 2

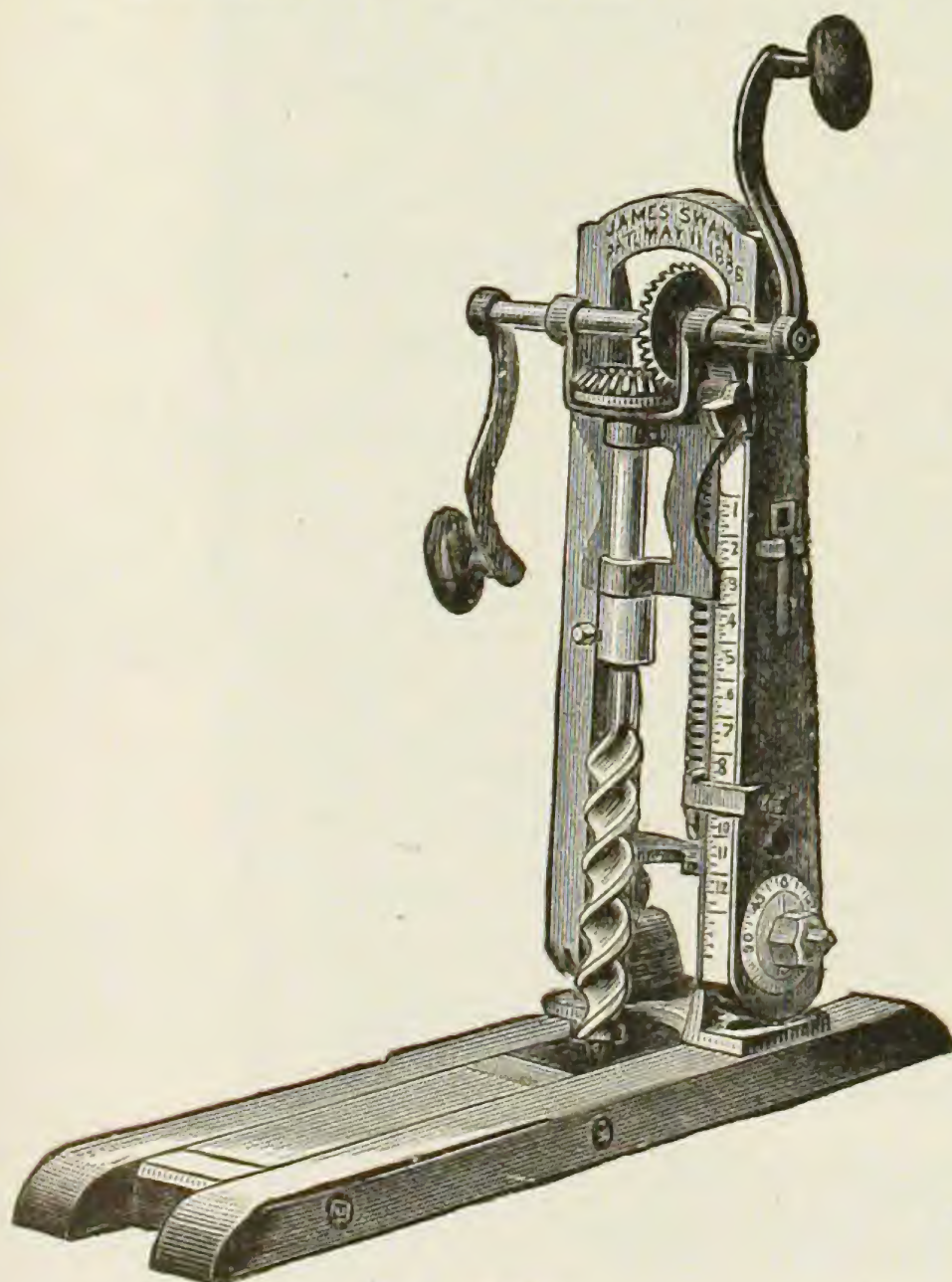
Graduated Ways

These Machines are well made and warranted to bore true. They are offered as the Best Wood Frame Machine in the market.

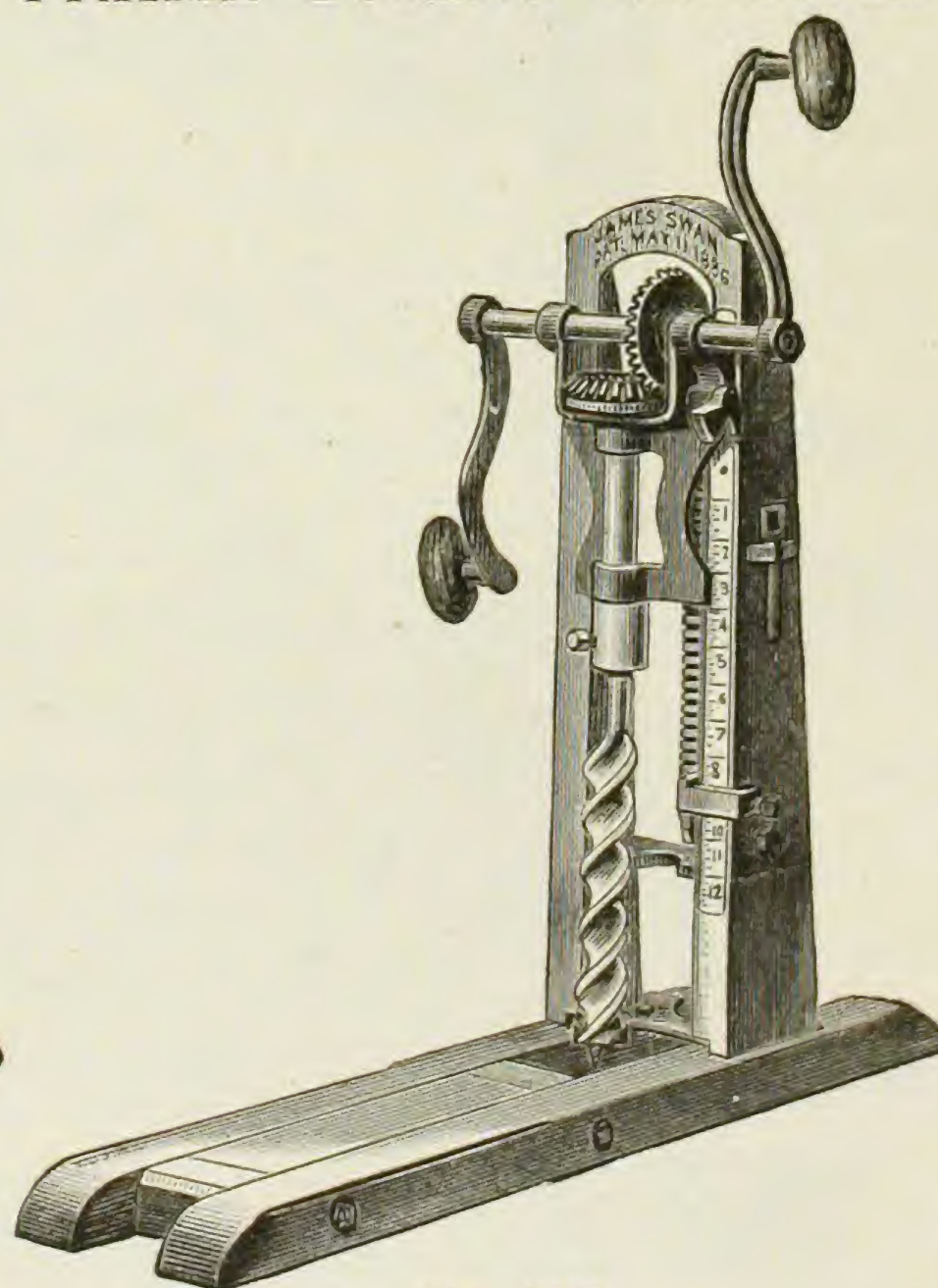
WITHOUT AUGERS

No.		Each.
1	Angular, Polished Gear	\$10.00
2	"	6.75
3	Upright, Polished Gear	8.50
4	"	7.50
5	"	5.50

## SWAN'S PATENT IRON FRAME BORING MACHINES



No. 200



No. 500

These cuts represent a new and improved Iron Boring Machine of sufficient strength to bore with large Augers without springing or getting out of true, and weighing but little more than the ordinary Wood Boring Machine.

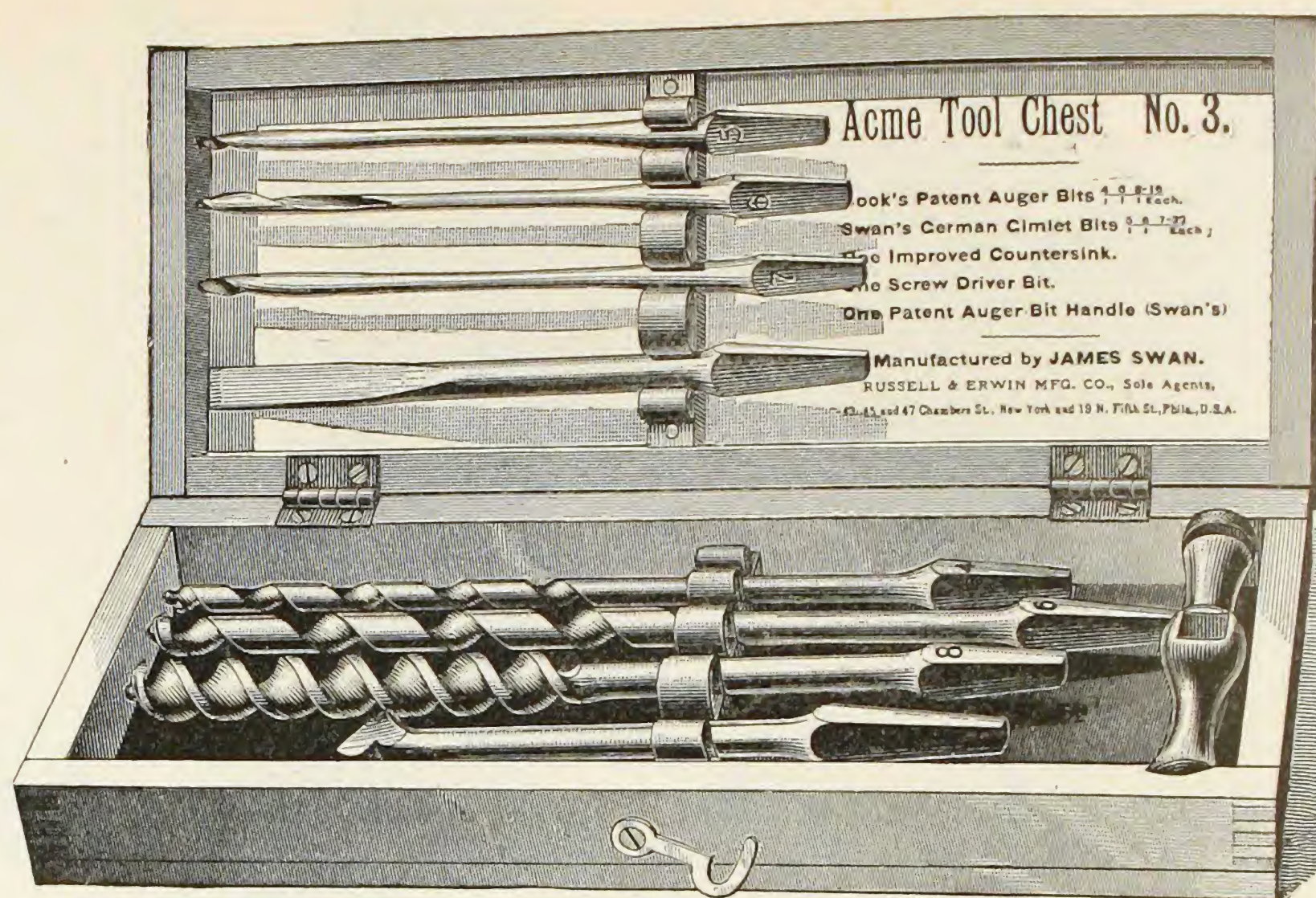
No.		Each.
200	Angular, Painted Standard, without Augers	\$10.75
500	Upright, " " " "	8.50

Two in a case. No charge for case.





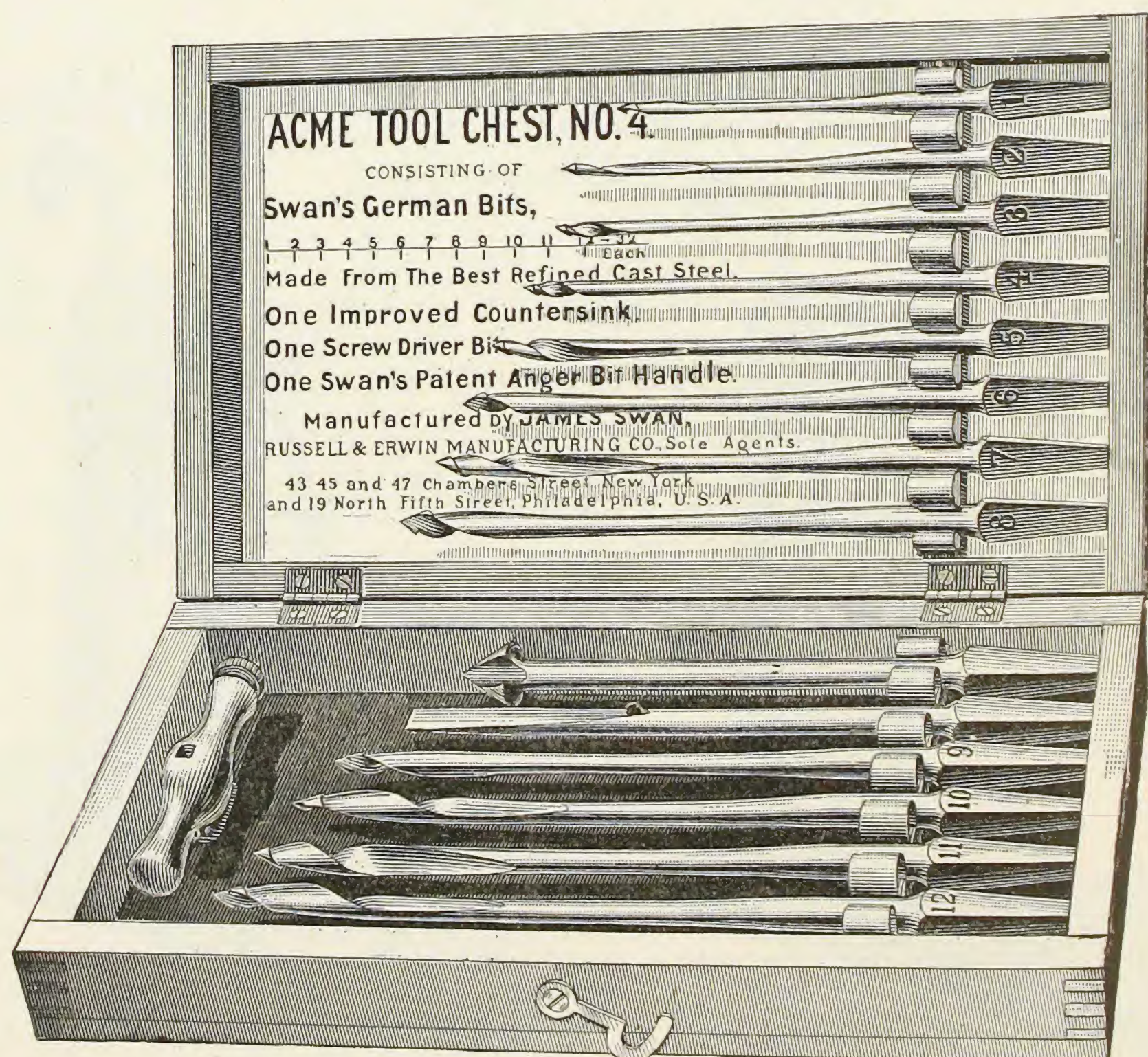
## ACME TOOL CHESTS



Contains:—One each, 4, 6, 8 16ths Cook's Bits.  
One each, 5, 6, 7 32ds Swan's German Bits.  
One Improved Countersink for wood.  
One Screw-Driver Bit.  
One Patent Auger Bit Handle.

No. 3

per set, \$1.80



Contains:—One each, Swan's German Bit, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 32ds.  
One Improved Countersink for wood.  
One Screw-Driver Bit.  
One Patent Auger Bit Handle.

No. 4

These sets are packed in nicely finished boxes with patented spring racks that hold the tools securely in their places. All tools packed in this manner are carefully selected, and fully warranted.

per set, \$1.80

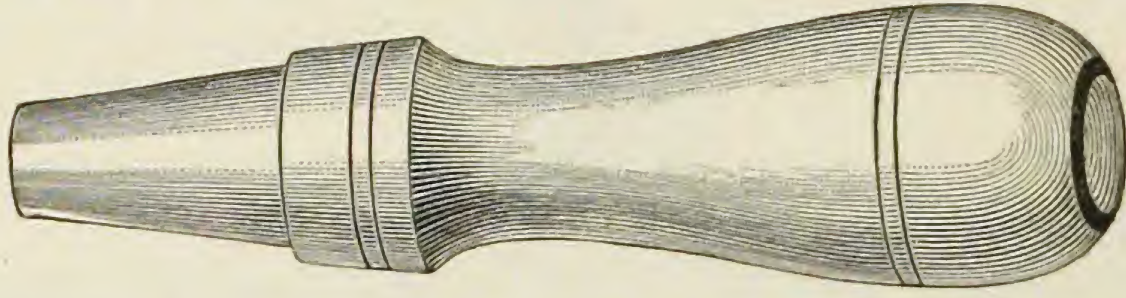




# SWAN'S PATENT CHISEL HANDLES

PATENTED NOV. 19, 1890

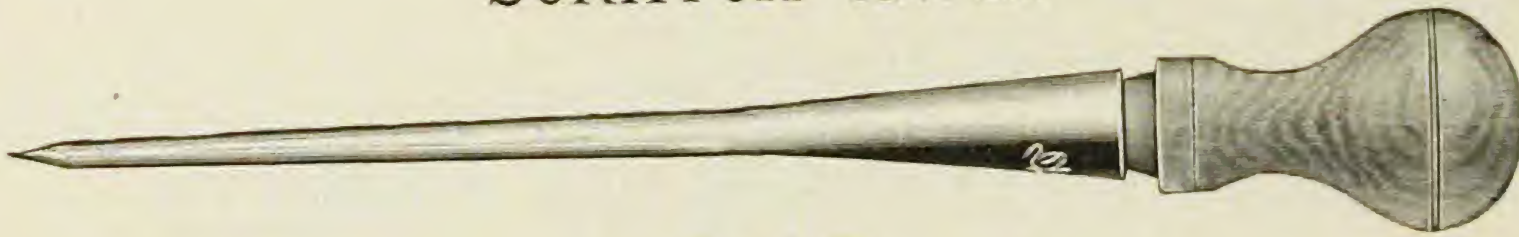
These handles are made with an iron ferrule inserted in the end, and as nothing withstands blows better than end wood confined, they are, by means of the ferrule, prevented from splitting and made practically indestructible, while the shape of the handle is not interfered with when used by hand.



No. 120	Hickory Socket Firmer, assorted sizes, $\frac{1}{8}$ to 2 inch,	per gross, \$8.25
No. 121	" " " " large,	" " 9.75
No. 101	" Tanged " " 4 sizes, $\frac{1}{8}$ to $1\frac{1}{2}$ inch,	" " 12.00
No. 102	" " " " 6 " $\frac{1}{4}$ to 2 "	" " 12.75
No. 103	" " " " 4 " 1 to 2 "	" " 13.50
No. 104	" " " " 2 " $1\frac{3}{4}$ to 2 "	" " 15.00
No. 105	" " " " 1 size, 2 inch,	" " 15.75

One dozen in a box.

## SCRATCH AWLS

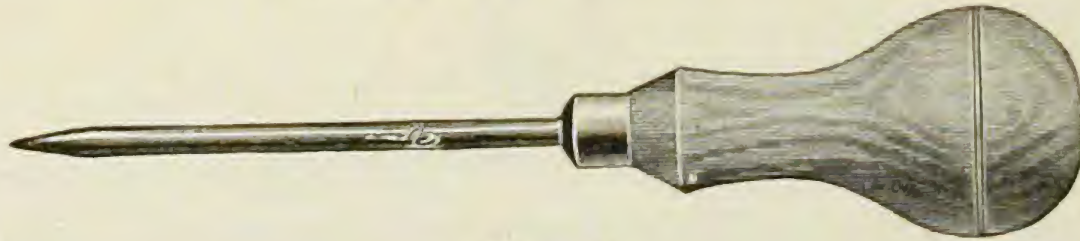


No. 100

No. 100 Socket,

One dozen in a wooden box.

per dozen, \$1.50



No. 3

No. 75 Plain Handle,  
No. 3 Fancy "

One dozen in a box.

per dozen, \$0.62  $\frac{1}{2}$   
" " .75

## SCREW-DRIVER BITS



Extra,  
No. 1,

per dozen, \$1.50  
" " 1.00



With Slot,

per dozen, \$2.00

## COUNTERSINKS



No. 5 For Wood,

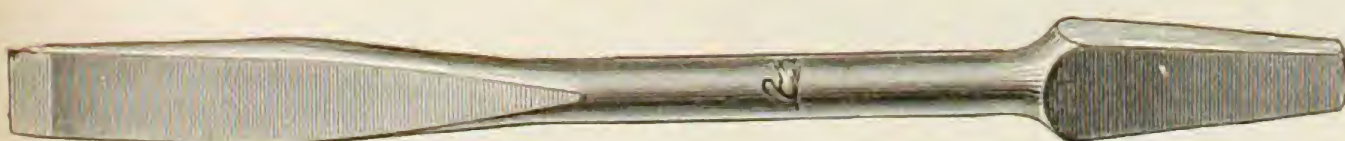
per dozen, \$1.25



No. 10 For Iron,

per dozen, \$1.50

## REAMERS



No. 75,

per dozen, \$1.25

One dozen in a box.



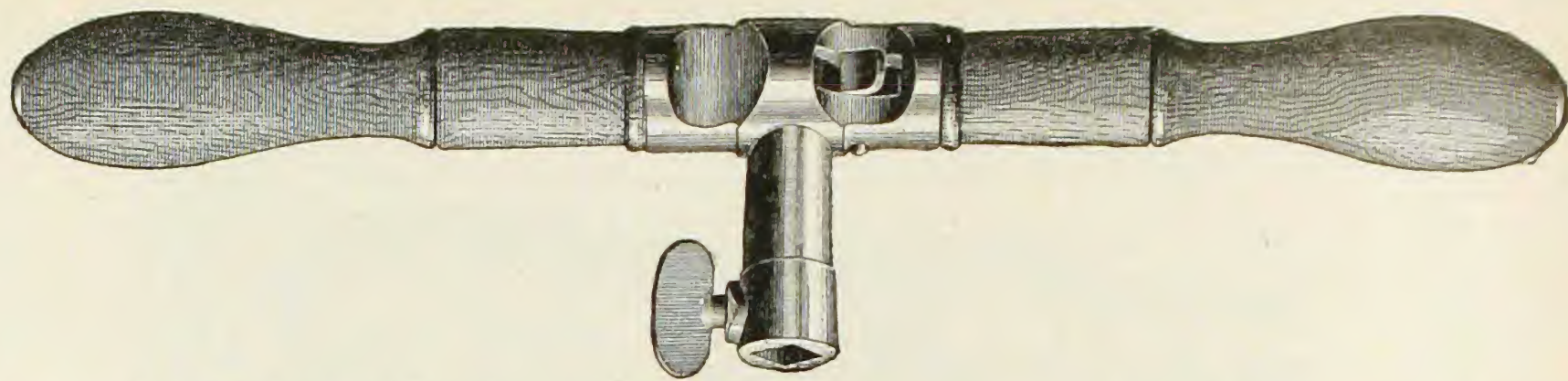
Per dozen,

\$1.50





## SWAN'S RATCHET AUGER HANDLES

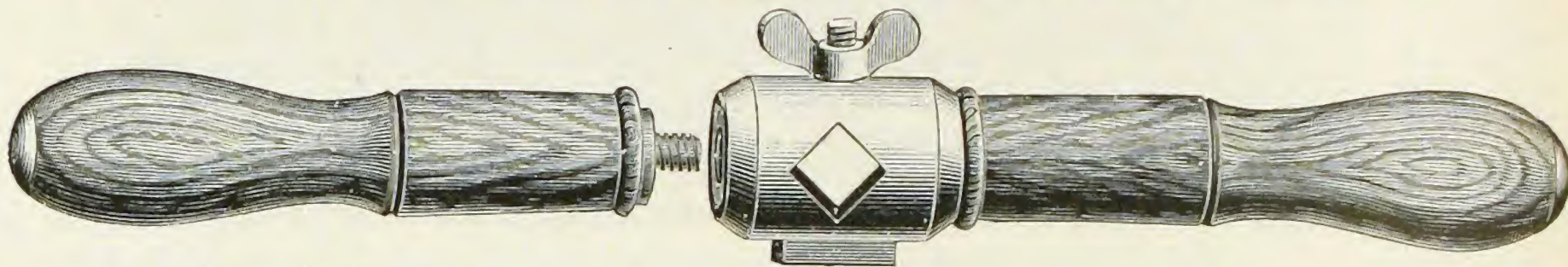


No. 80 Applewood, Nickel-plated,

Either Handle can be unscrewed, enabling it to be worked in a corner.

each, \$1.25

## SWAN'S IMPROVED AUGER HANDLES



No. 24 Rosewood Finish Handles,

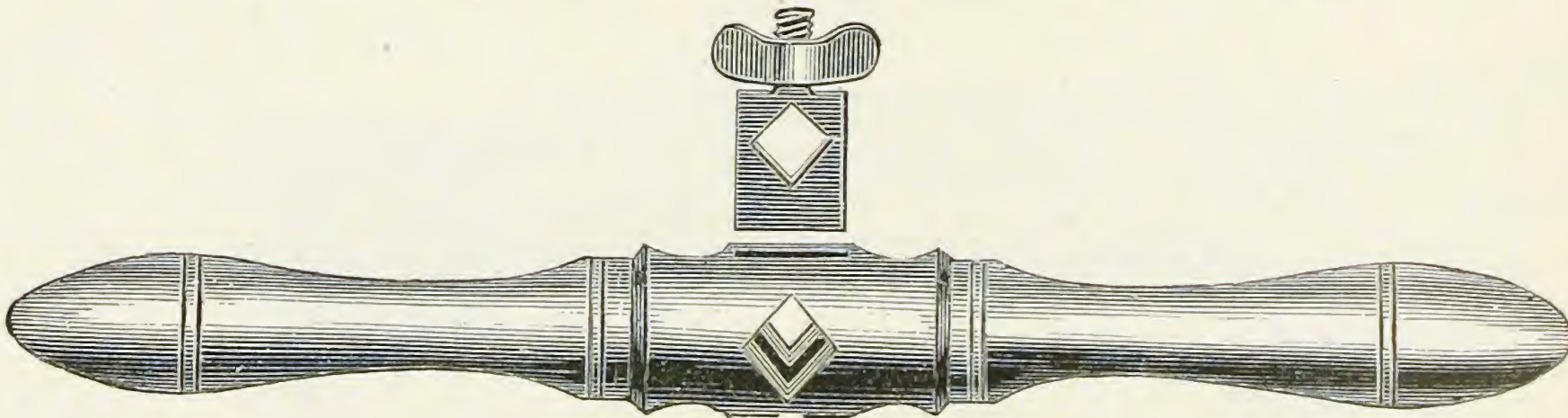
Two slides with each Handle, taking in 3-8 to 16-4 Auger Shanks, taking the place of two Auger Handles.  
Either Handle can be unscrewed, enabling it to be worked in a corner.

These Handles are made of the best material and are fully warranted.

One in a wooden box.

each, \$1.00

## SWAN'S PATENT AUGER HANDLES



No.

- |    |   |  |
|----|---|--|
| 3  | Applewood, in sets of two, Assorted, Small and Large, |  |
| 4  | " " " Both Large,                                     |  |
| 13 | Rosewood, " " Assorted, Small and Large,              |  |
| 14 | " " " Both Large,                                     |  |

Per set.

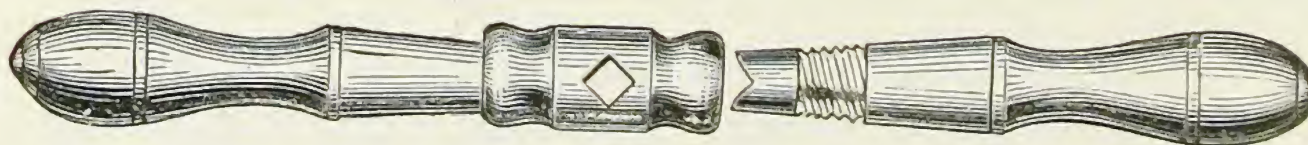
\$1.00

1.25

1.25

1.50

## PATENT AUGER HANDLES



No.

- |    |   |  |
|----|---|--|
| I  | Applewood, in sets of two, Assorted, Small and Large, |  |
| 2  | " " " Both Large,                                     |  |
| 11 | Rosewood, " " Assorted, Small and Large,              |  |
| 12 | " " " Both Large,                                     |  |

Per set.

\$1.25

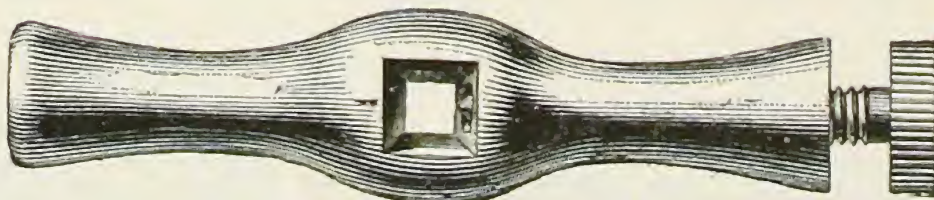
1.40

1.50

1.75

One set in a package.

## SWAN'S PATENT AUGER BIT HANDLES



No.

- |   |                       |
|---|-----------------------|
| 1 | Large, Nickel-plated, |
| 2 | Small, " "            |

Per dozen.

\$2.40

2.40

One dozen in a box.





# SWAN'S PATENT SCREW-DRIVERS

WITH STRONG MALLEABLE IRON FERRULES

PATENTED MAY 22, 1894. DESIGN PATENT ON HANDLES FEBRUARY 1, 1898.

All Superior Quality and Fully Warranted.



No. 65



No. 065



No. 67



No. 68

Above all the same lists.

Size, inches,	2 1/2	3	4	5	6	7	8	9	10	12
Per dozen,	\$3.00	3.50	4.25	5.00	6.00	7.00	8.00	9.00	10.00	12.00



Cabinet No. 66

ALL BLADES  $\frac{7}{8}$  INCH DIAMETER

Size, inches,	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	8 1/2	10 1/2	12 1/2
Per dozen,	\$3.00	3.50	4.50	5.50	6.00	8.00	9.50	11.00

We call special attention to the design patent on these Handles. The construction is such that they are easier on the hand when in use than any other handle, especially the No. 67.

The inside of the ferrule is so constructed that when the blade is driven home it is practically impossible to turn or come off. The end of the ferrule is bored tapering and the blade made to correspond, so that, being a tapered fit in both ferrule and handle, either blade or handle can be easily replaced in case of accident.

All above, half dozen in a wooden box.





## SOLID CAST STEEL SCREW-DRIVERS

MADE FROM BEST CRUCIBLE CAST STEEL



## NO. 25. FORGED BLADES

Size, inches,	2	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$2.00	2.50	3.00	3.50	4.00	5.00	5.50	6.00	6.50	7.00	7.50

Half dozen in a wooden box.

## NO. 35. FORGED BLADES, ROSEWOOD HANDLES

Size, inches,	1 1/2	2	3	4	5	6	7	8	9	10	11	12
Per dozen,	\$3.00	3.00	3.50	4.00	4.50	5.00	6.00	7.00	7.50	9.00	10.00	10.50

Half dozen in a wooden box.

## SWAN'S PATENT SCREW-DRIVERS



## NO. 45. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES, PATENT FASTENING

Size, inches,	1 1/2	2	3	4	5	6	7	8	10	12
Per dozen,	\$2.50	2.50	3.00	3.50	4.00	5.00	6.00	7.00	8.00	9.00

Half dozen in a wooden box.

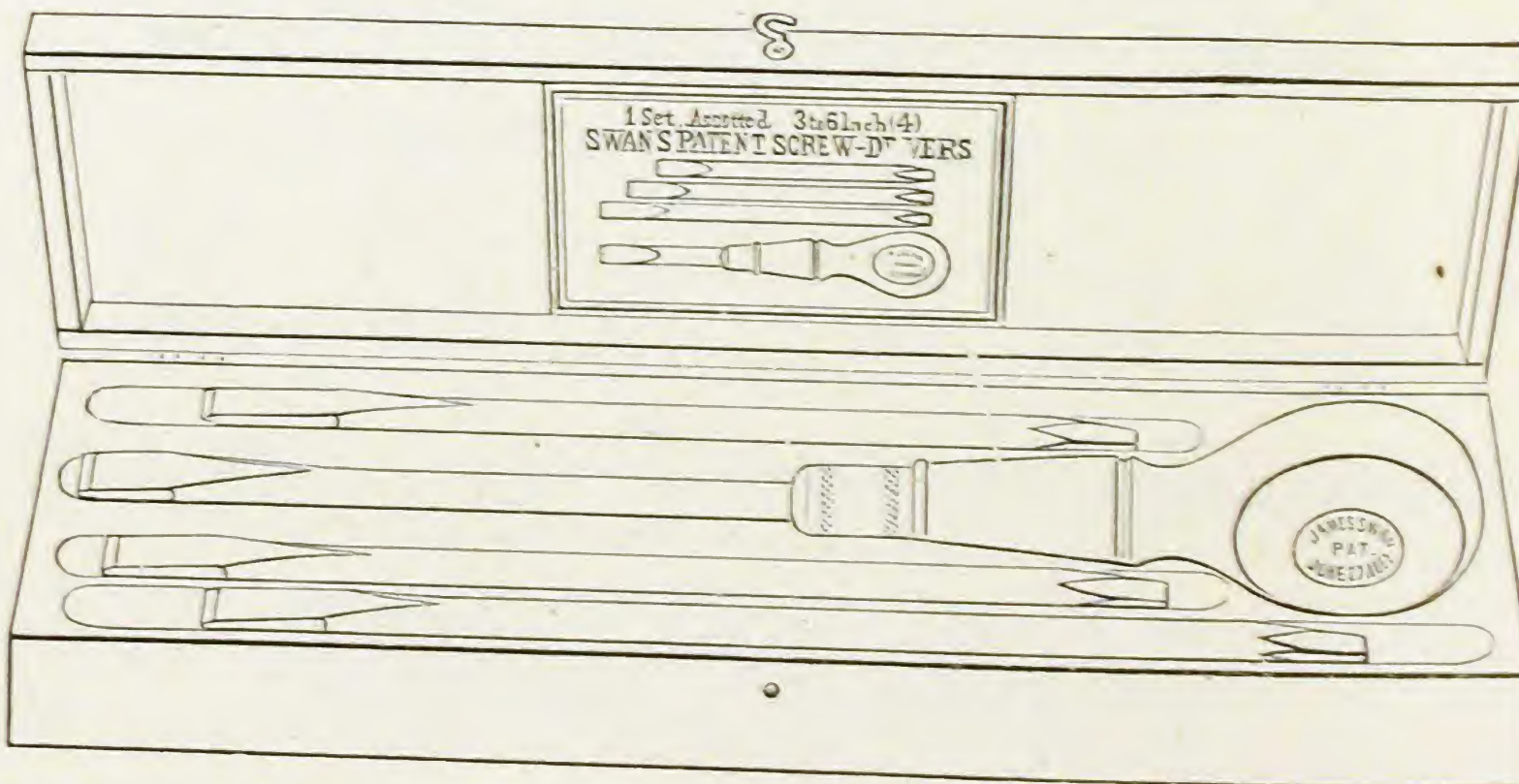


## NO. 40. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES (STYLE OF NO. 45, WITHOUT PATENT FASTENING)

Size, inches,	1 1/2	2	3	4	5	6	7	8	10	12
Per dozen,	\$0.90	.90	1.15	1.50	1.75	2.10	2.35	2.80	3.50	4.75

1 1/2 and 2 inches, one dozen in a box; all other sizes, half dozen.

## SWAN'S PATENT SCREW-DRIVERS



No. 100 In sets (4), 3 to 6 inches,

One set in a wooden box, as shown in illustration.

per dozen sets, \$15.00

